

FIG.

INSTRUCTION OF EMBOSSED PRINTING BY PRINTER DRIVER

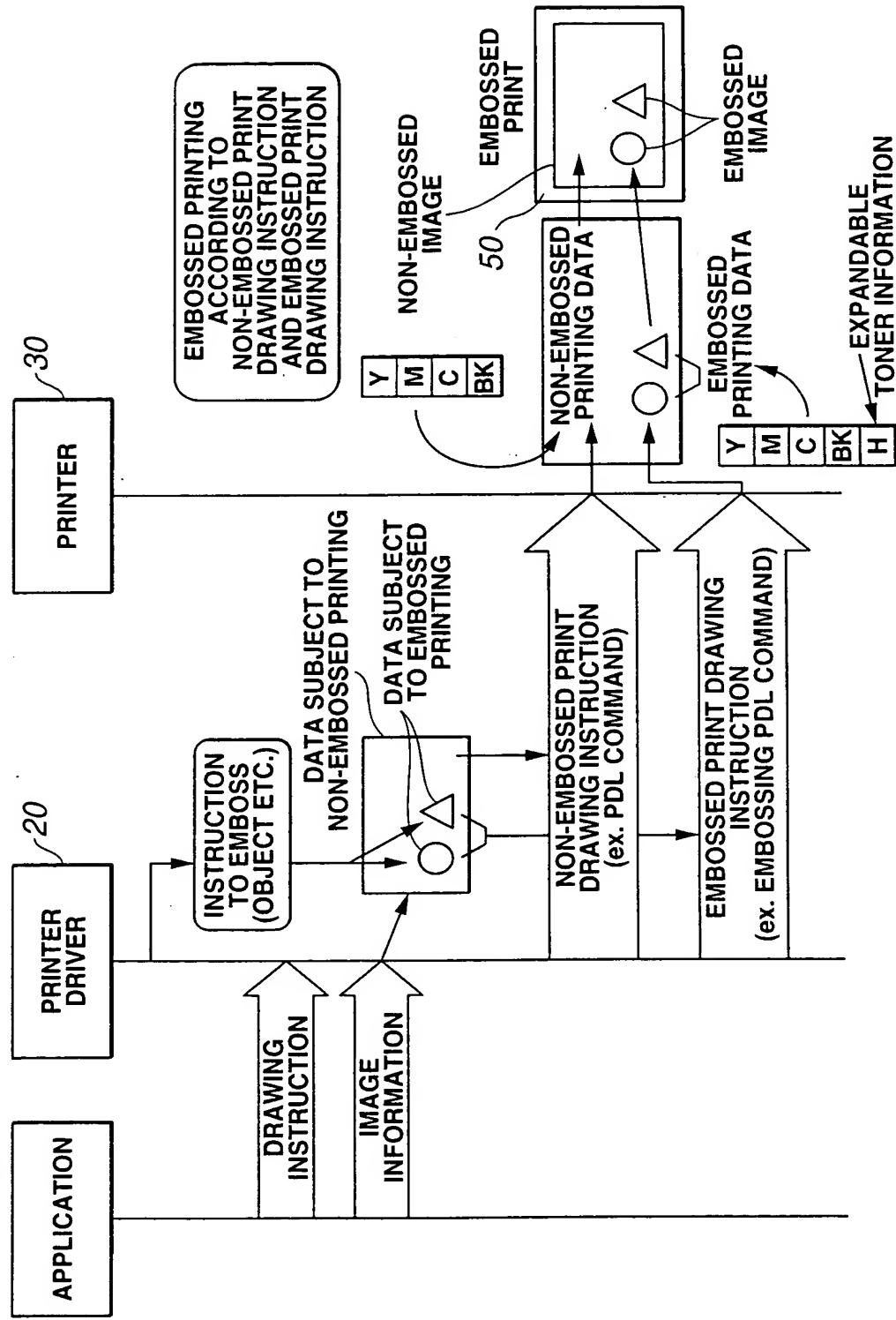


FIG. 2

INSTRUCTION OF EMBOSSED PRINTING BY PRINTER

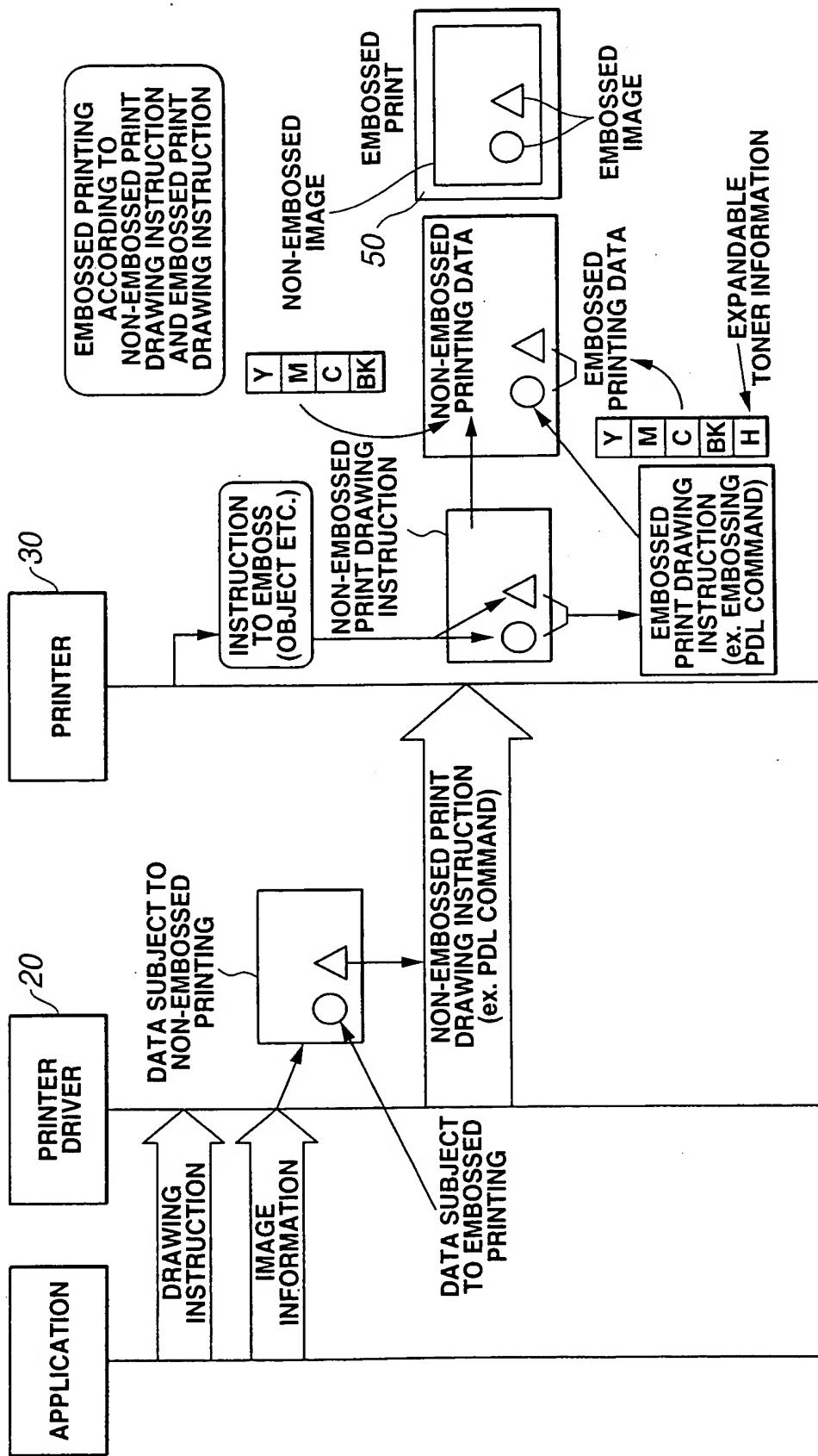


FIG.3

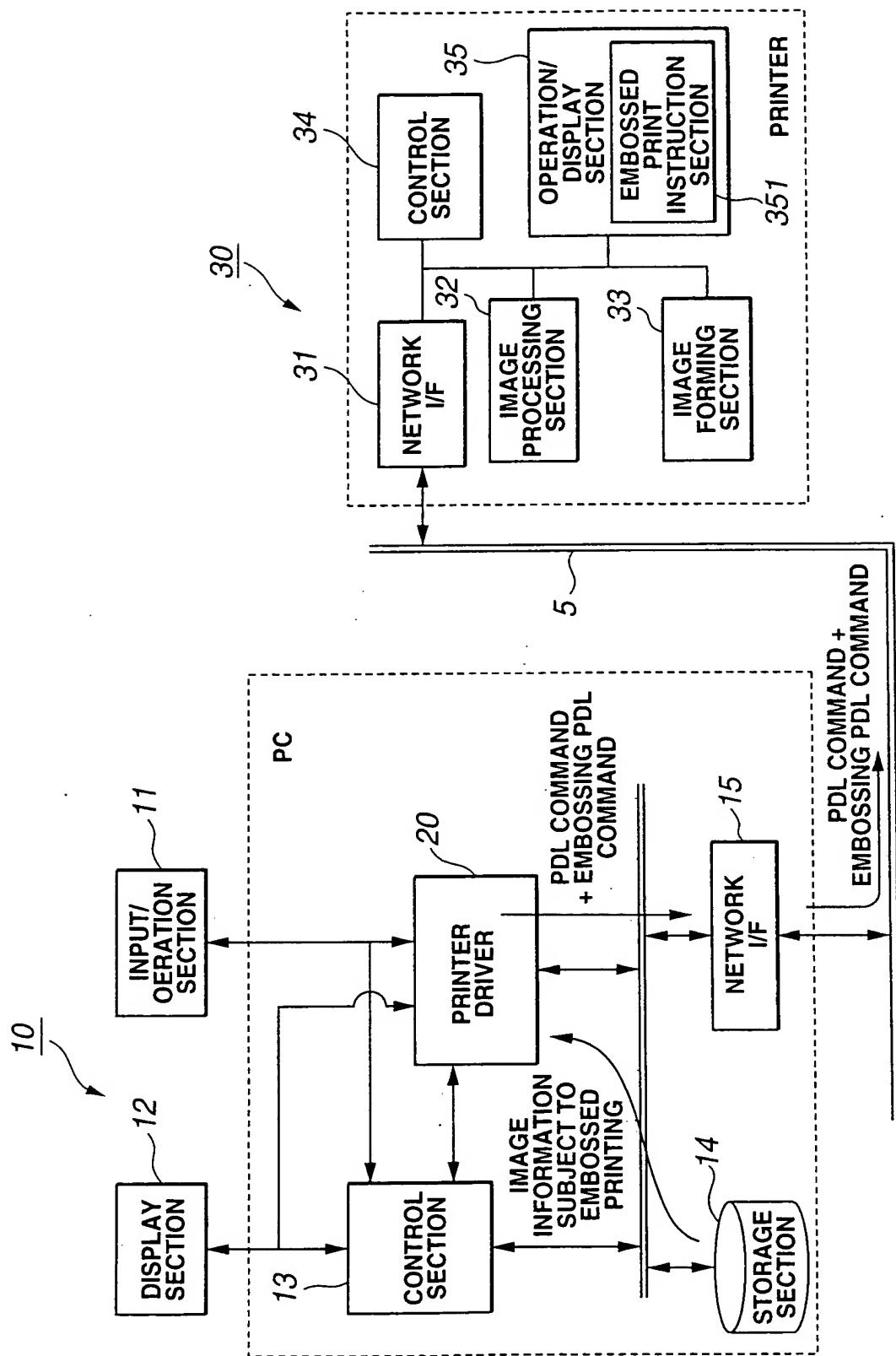


FIG.4

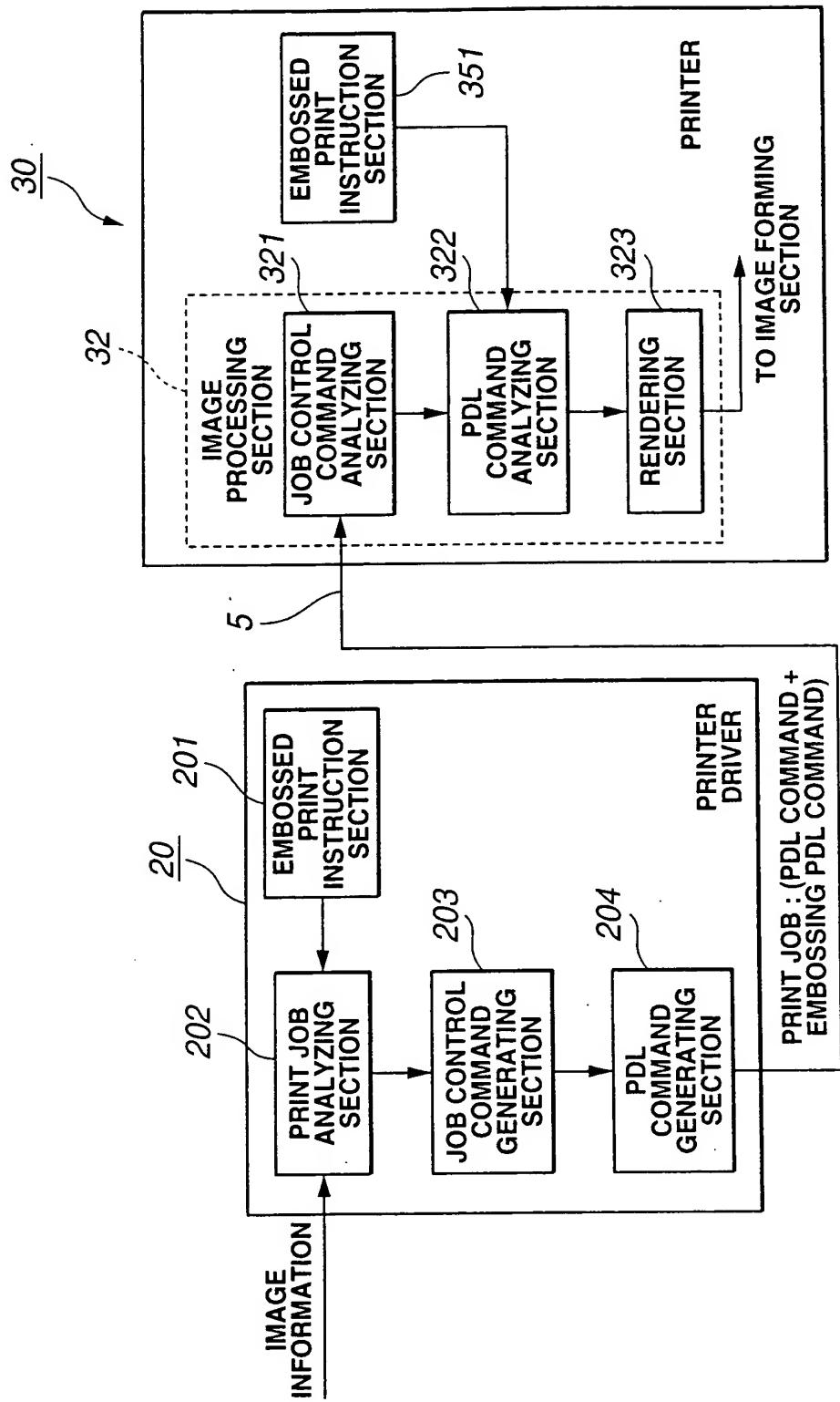


FIG.5

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EMBOSS PRINT SETTING

PRIORITY OF EMBOSS PRINTING DESIGNATION

USE OF DRIVER SETTING USE OF PRINTER SETTING

EMBOSS PRINT DESIGNATION

EMBOSSED PRINTING PSEUDO EMBOSSED PRINTING

PRINTING EMBOSSED IMAGE LAST PRINTING EMBOSSED IMAGE FIRST

EMBOSSING TARGET DESIGNATION

<input checked="" type="checkbox"/> FONT <input type="text" value="Arial"/> ▼	<input checked="" type="checkbox"/> GRAPHIC <input type="text" value="RECTANGLE"/> ▼
<input type="checkbox"/> FONT MODIFICATION <input type="text" value="BOLD"/> ▼	<input checked="" type="checkbox"/> COLOR <input type="text" value="RED"/> ▼
<input checked="" type="checkbox"/> SPECIFIC SYMBOLS <input type="text" value="* ○ △"/> ▼	<input type="checkbox"/> IMAGE

OVERLAP DESIGNATION

REFLECT OVERLAP
 DISREGARD OVERLAP
 NOT EMBOSST OVERLAP
 LOGIC OPERATION ON OVERLAP
 ▼

ALLOCATION OF ATTRIBUTE VALUE TO HEIGHT

CONVERT BRIGHTNESS INTO HEIGHT
 CONVERT CONTRAST INTO HEIGHT
 CONVERT EDGE INTO HEIGHT
 CONVERT DENSITY INTO HEIGHT

HEIGHT ADJUSTMENT

-100% 0 100%

FIG.6

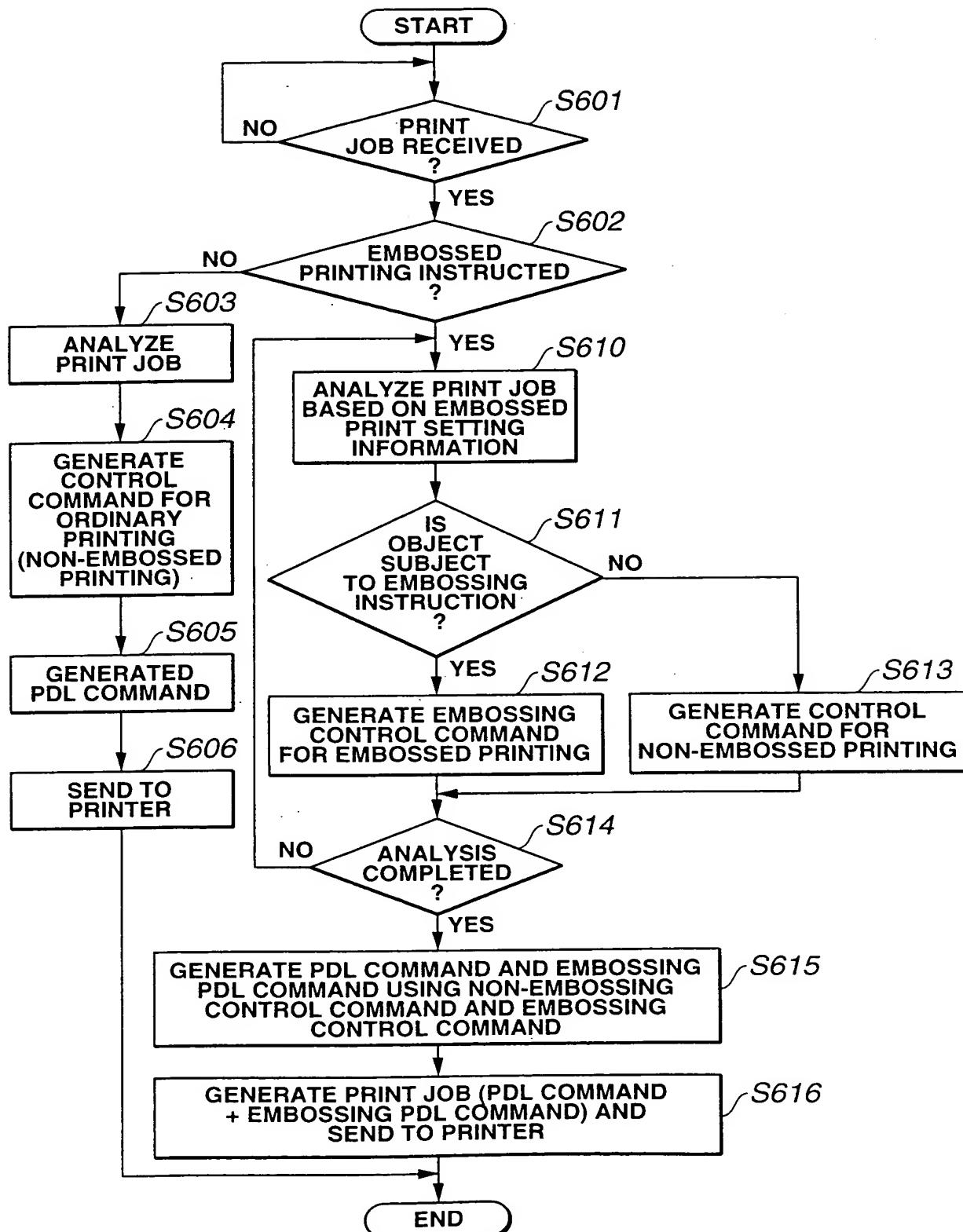


FIG.7

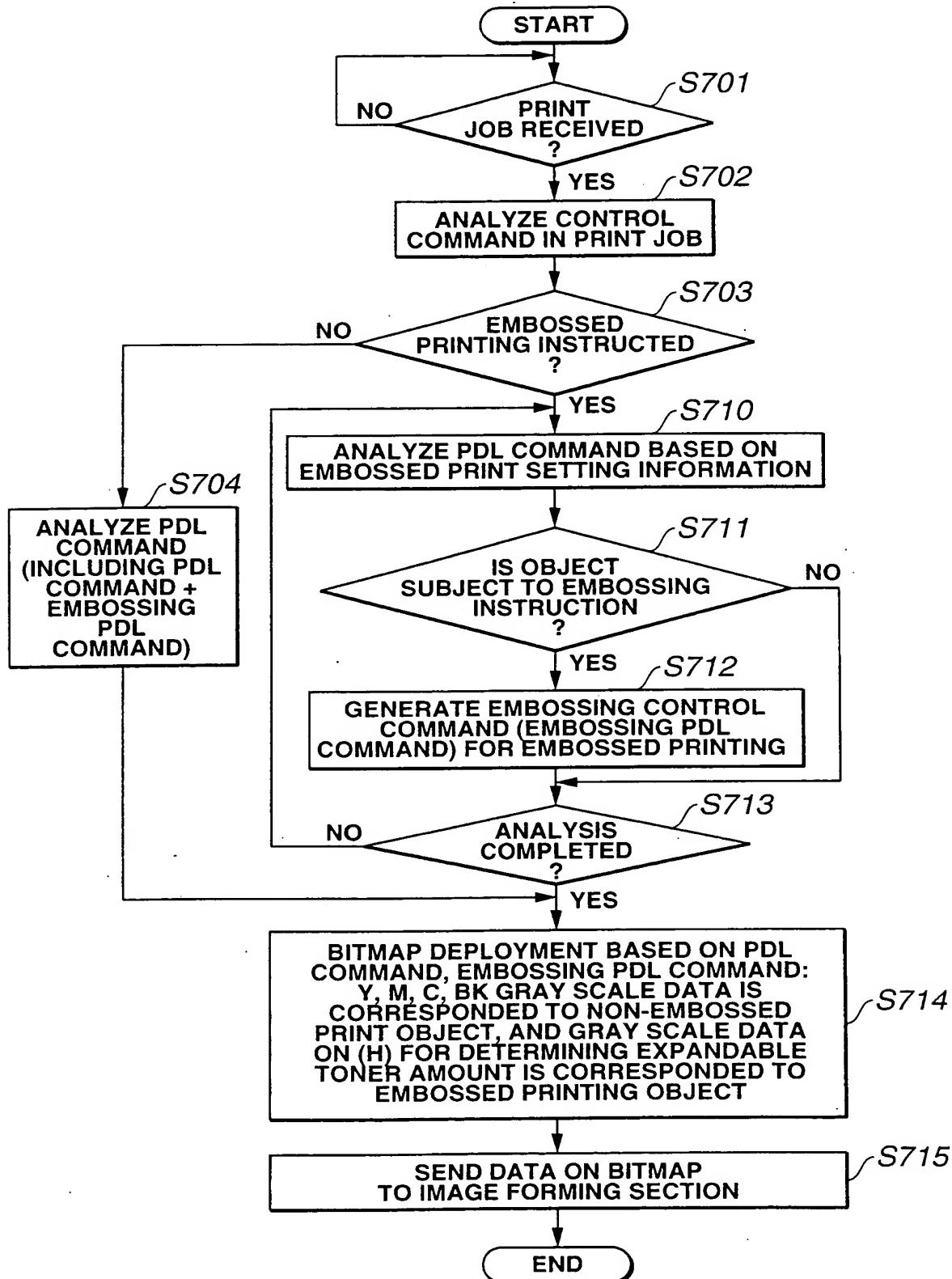


FIG.8A

TRANSFER
STEP (Y)

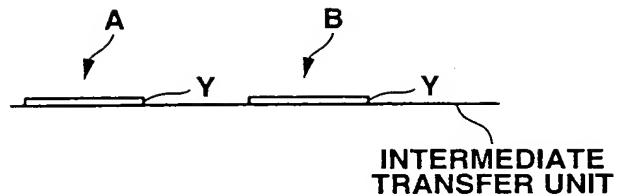


FIG.8B

TRANSFER
STEP (M)

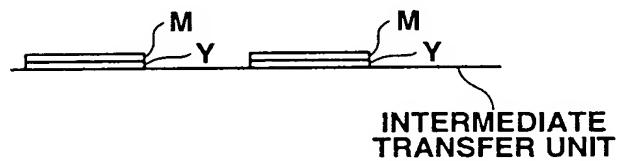


FIG.8C

TRANSFER
STEP (C)

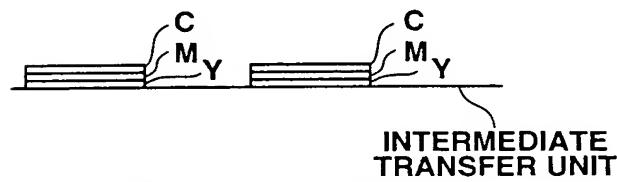


FIG.8D

TRANSFER
STEP (K)

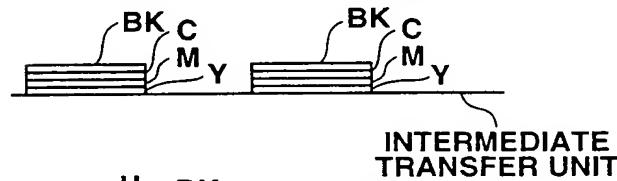


FIG.8E

TRANSFER
STEP (H)

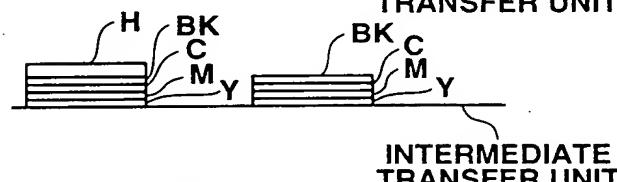


FIG.8F

SECONDARY
TRANSFER STEP

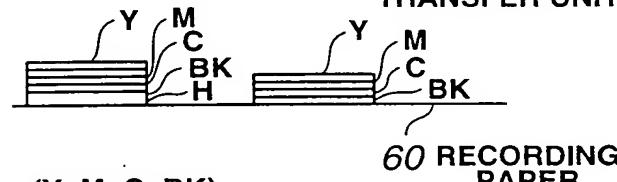


FIG.8G

FIXING STEP

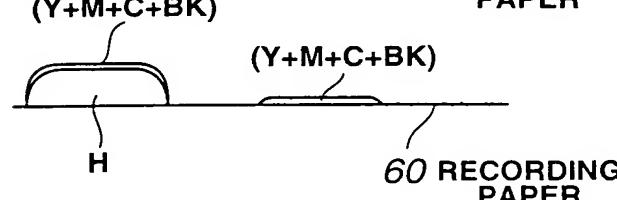
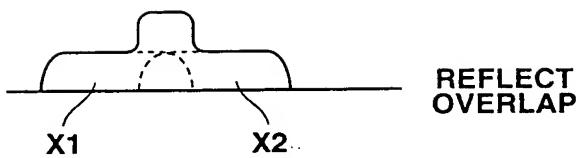
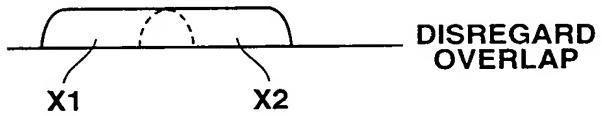


FIG.9A



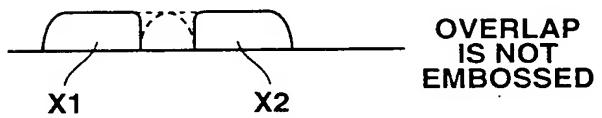
REFLECT
OVERLAP

FIG.9B



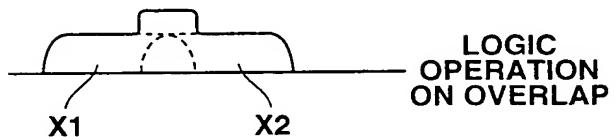
DISREGARD
OVERLAP

FIG.9C



OVERLAP
IS NOT
EMBOSSSED

FIG.9D



LOGIC
OPERATION
ON OVERLAP

FIG.10

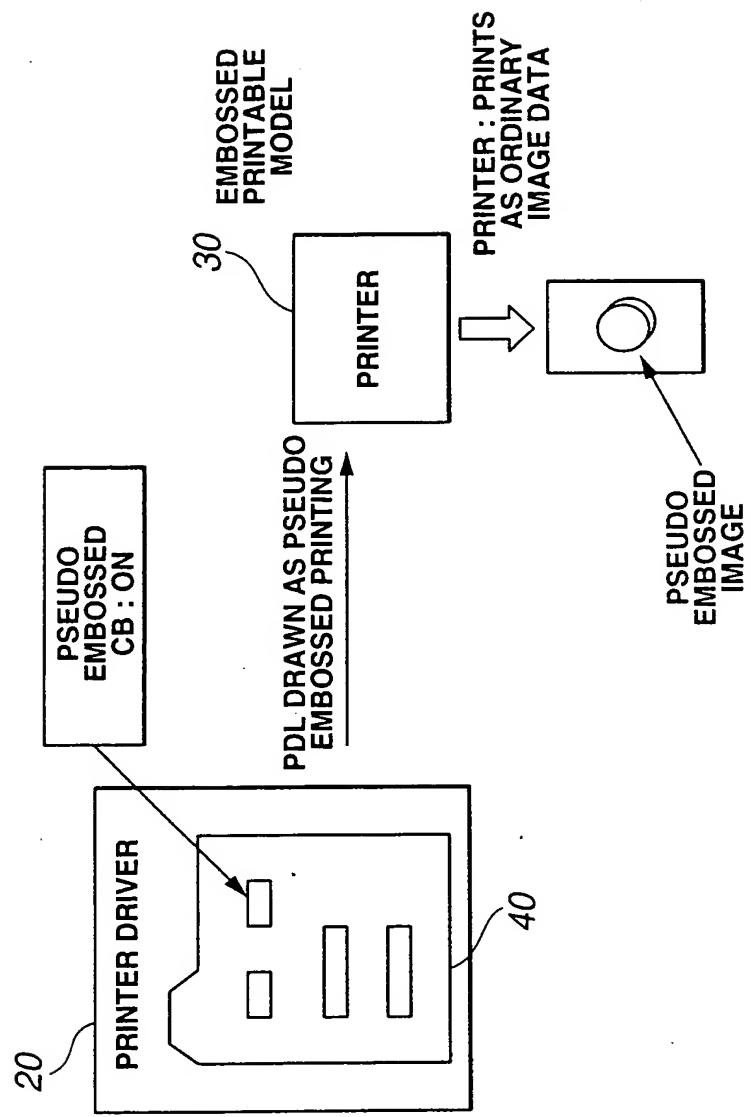


FIG.11A

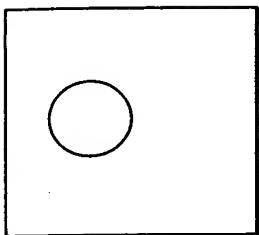


FIG.11B

DISPLACEMENT
IN PRESCRIBED
DIRECTION

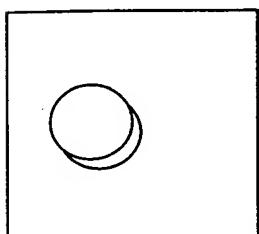


FIG.11C

ENHANCEMENT
OF CONTOUR

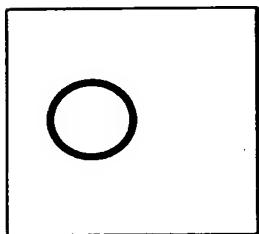


FIG.11D

INDICATION OF
SHADOW ON
THE PERIPHERY
BY GRADATION

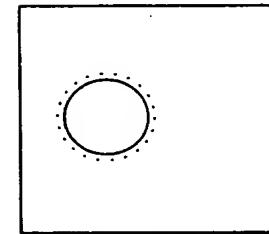


FIG.12

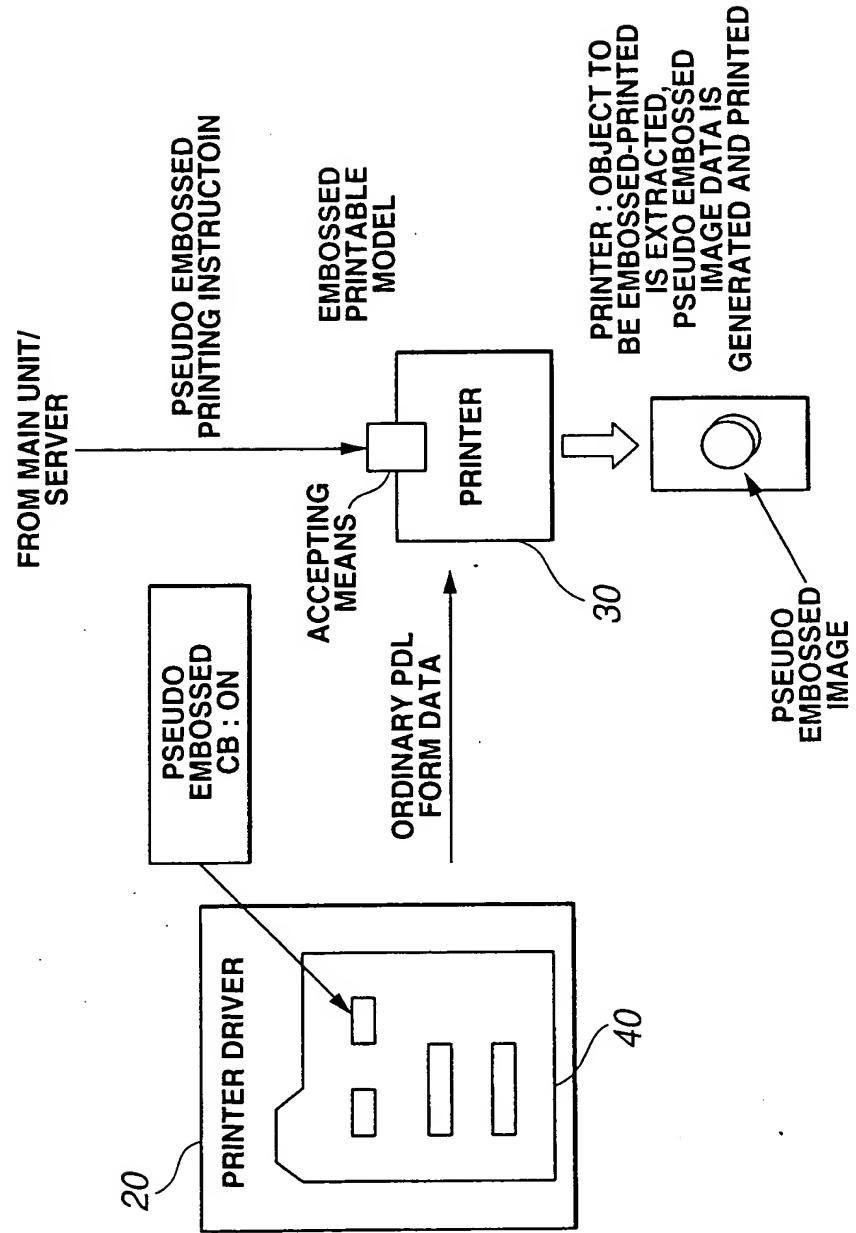


FIG. 13

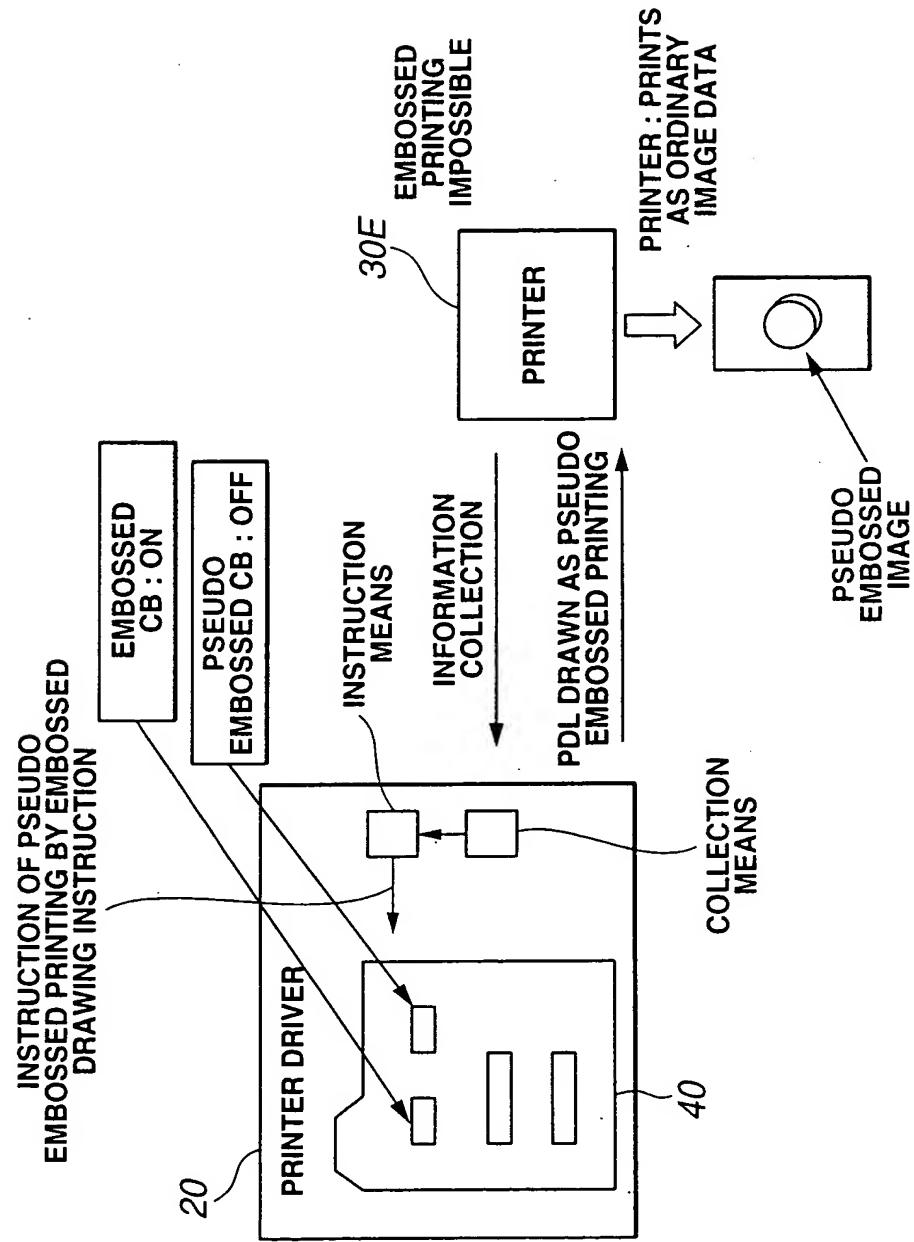


FIG. 14

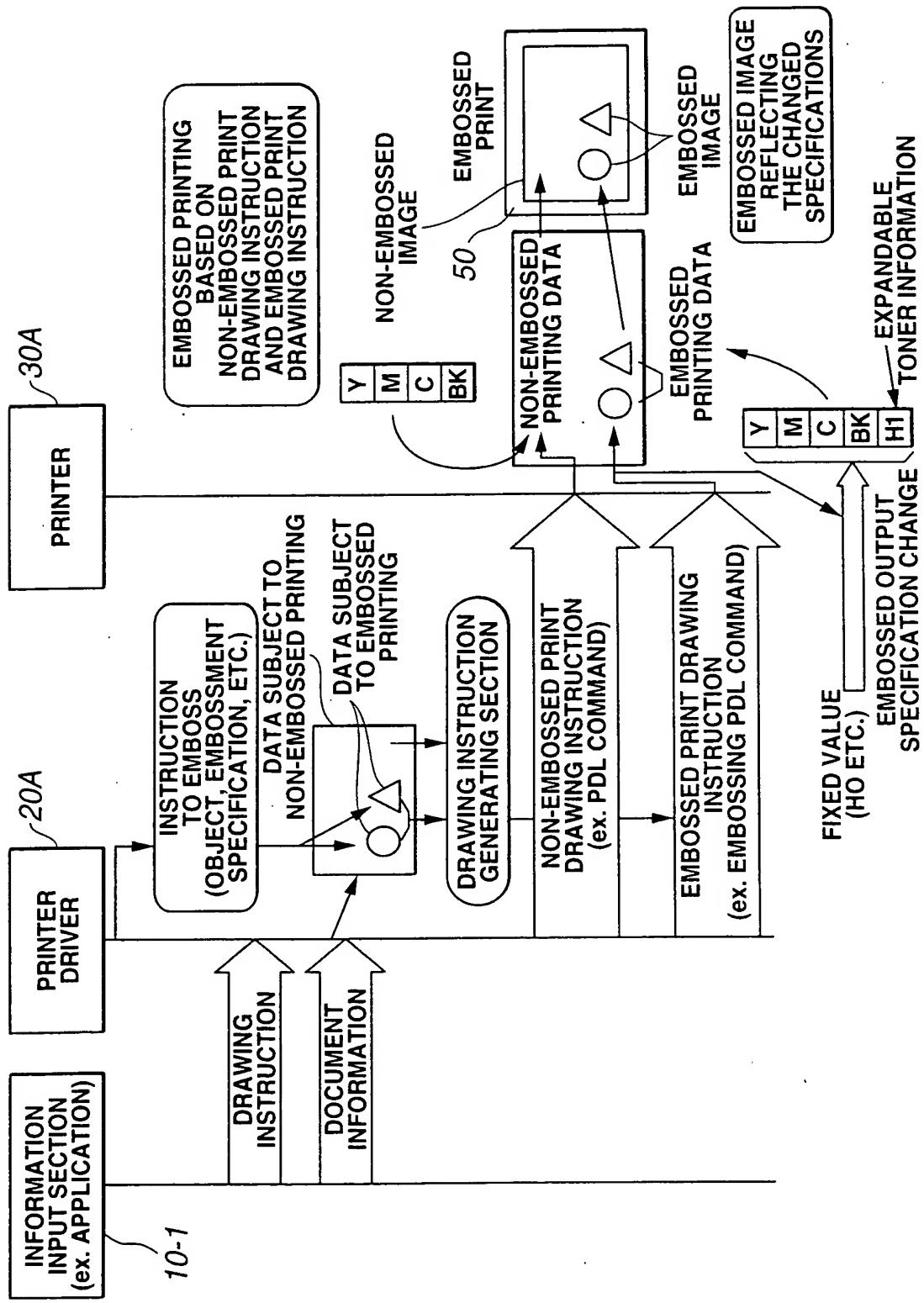


FIG.15

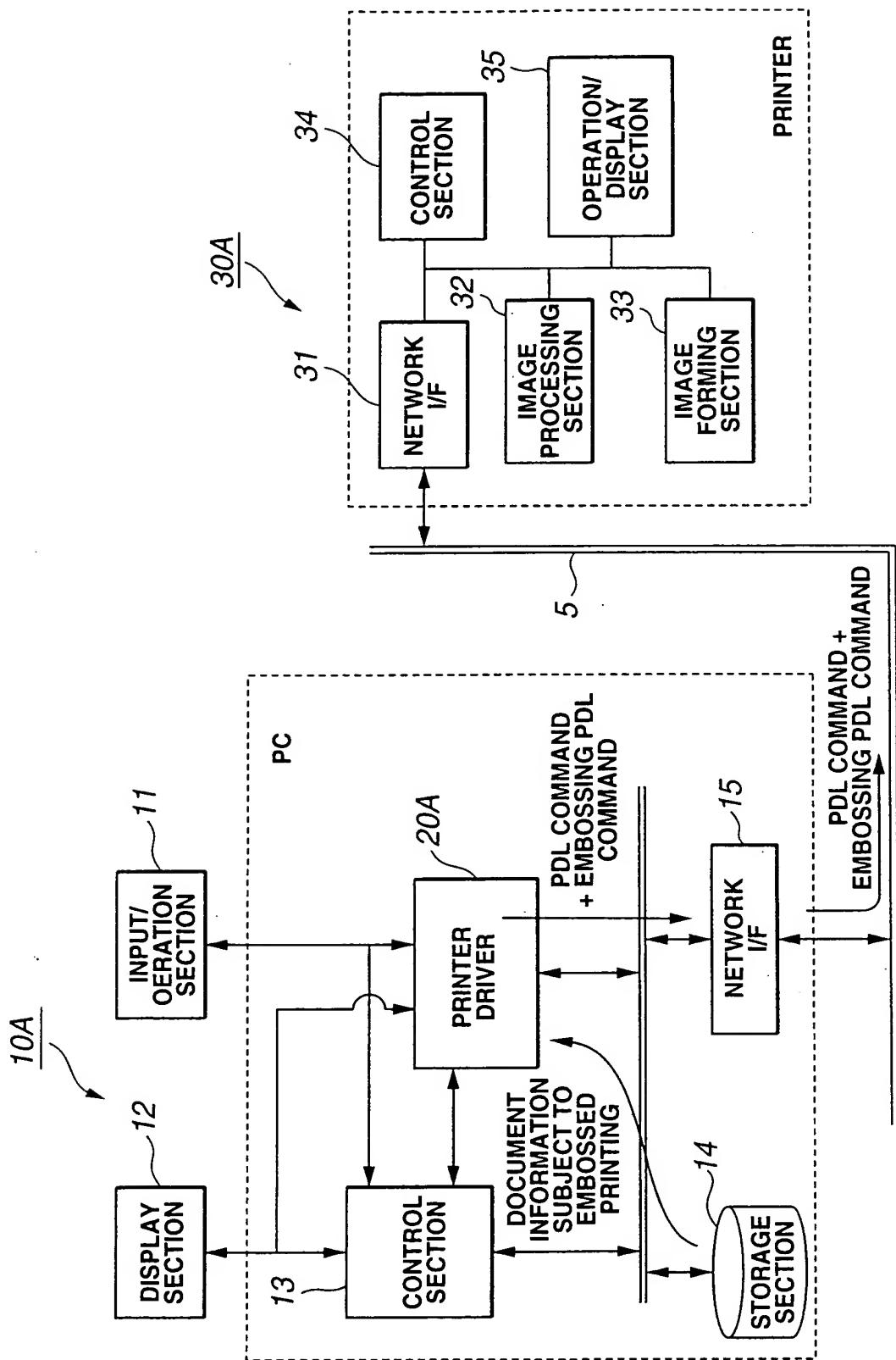


FIG. 16

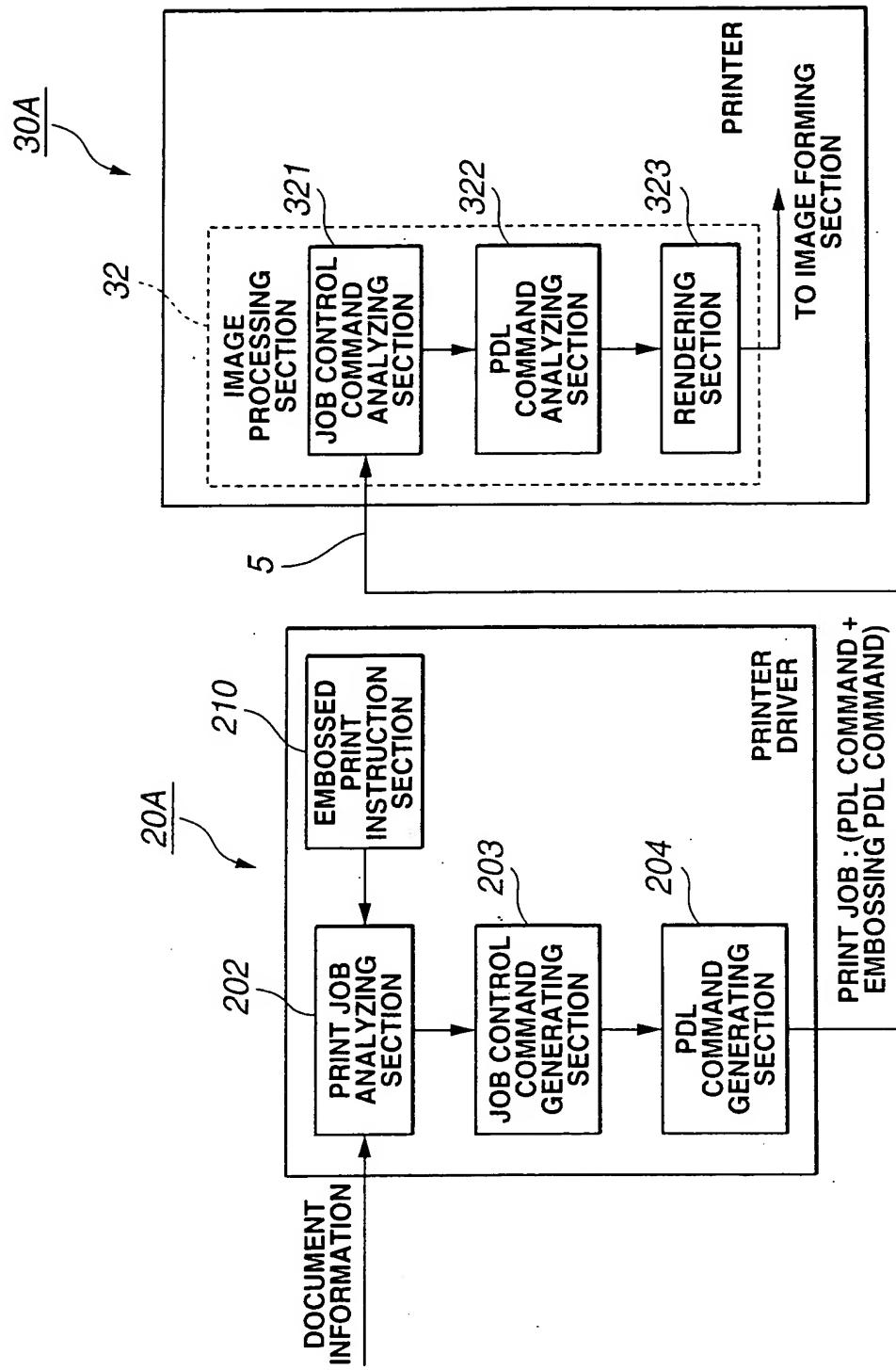


FIG.17

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EMBOSSING PRINT SETTING	
EMBOSED PRINT DESIGNATION <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> EMBOSSED PRINTING <input checked="" type="radio"/> PRINTING EMBOSSED IMAGE LAST </div> <div style="width: 45%;"> <input type="checkbox"/> PSEUDO EMBOSSED PRINTING <input type="radio"/> PRINTING EMBOSSED IMAGE FIRST </div> </div>	
EMBOSSING TARGET DESIGNATION <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> FONT <input type="text" value="Arial"/> ▾ <input type="checkbox"/> FONT MODIFICATION <input type="text" value="BOLD"/> ▾ <input checked="" type="checkbox"/> SPECIFIC SYMBOLS <input type="text" value="* ○ △"/> ▾ </div> <div style="width: 45%;"> <input checked="" type="checkbox"/> GRAPHIC <input type="text" value="RECTANGLE"/> ▾ <input checked="" type="checkbox"/> COLOR <input type="text" value="RED"/> ▾ <input type="checkbox"/> IMAGE </div> </div>	
VARIATION DESIGNATION <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> HEIGHT <input type="text" value="2mm"/> ▾ <input type="checkbox"/> EMBOSSED SHAPE <input type="text" value="SEMICYLINDRICAL FORM"/> ▾ <input checked="" type="checkbox"/> COLOR ADDITION <input type="text" value="GRADATION 1"/> ▾ </div> <div style="width: 45%;"> <input type="checkbox"/> DATA SCALING <input type="text" value="120%"/> ▾ <input type="checkbox"/> ENHANCEMENT OF A SOLID <input type="text" value="SHADOWING"/> ▾ <input type="checkbox"/> EMBOSSED SURFACE PATTERN <input type="text" value="SHADE 1"/> ▾ </div> </div>	
OVERLAP DESIGNATION <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="radio"/> REFLECT OVERLAP <input type="radio"/> DISREGARD OVERLAP <input type="radio"/> NOT EMBOS OVERLAP <input type="radio"/> LOGIC OPERATION ON OVERLAP <input type="text" value="AND"/> ▾ </div> <div style="width: 45%;"> ALLOCATION OF ATTRIBUTE VALUE TO HEIGHT <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="radio"/> CONVERT BRIGHTNESS INTO HEIGHT </div> <div style="width: 45%;"> <input type="radio"/> CONVERT CHROMA INTO HEIGHT </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="radio"/> CONVERT HUE INTO HEIGHT </div> <div style="width: 45%;"> <input type="radio"/> CONVERT DENSITY INTO HEIGHT </div> </div> </div> </div>	

FIG.18

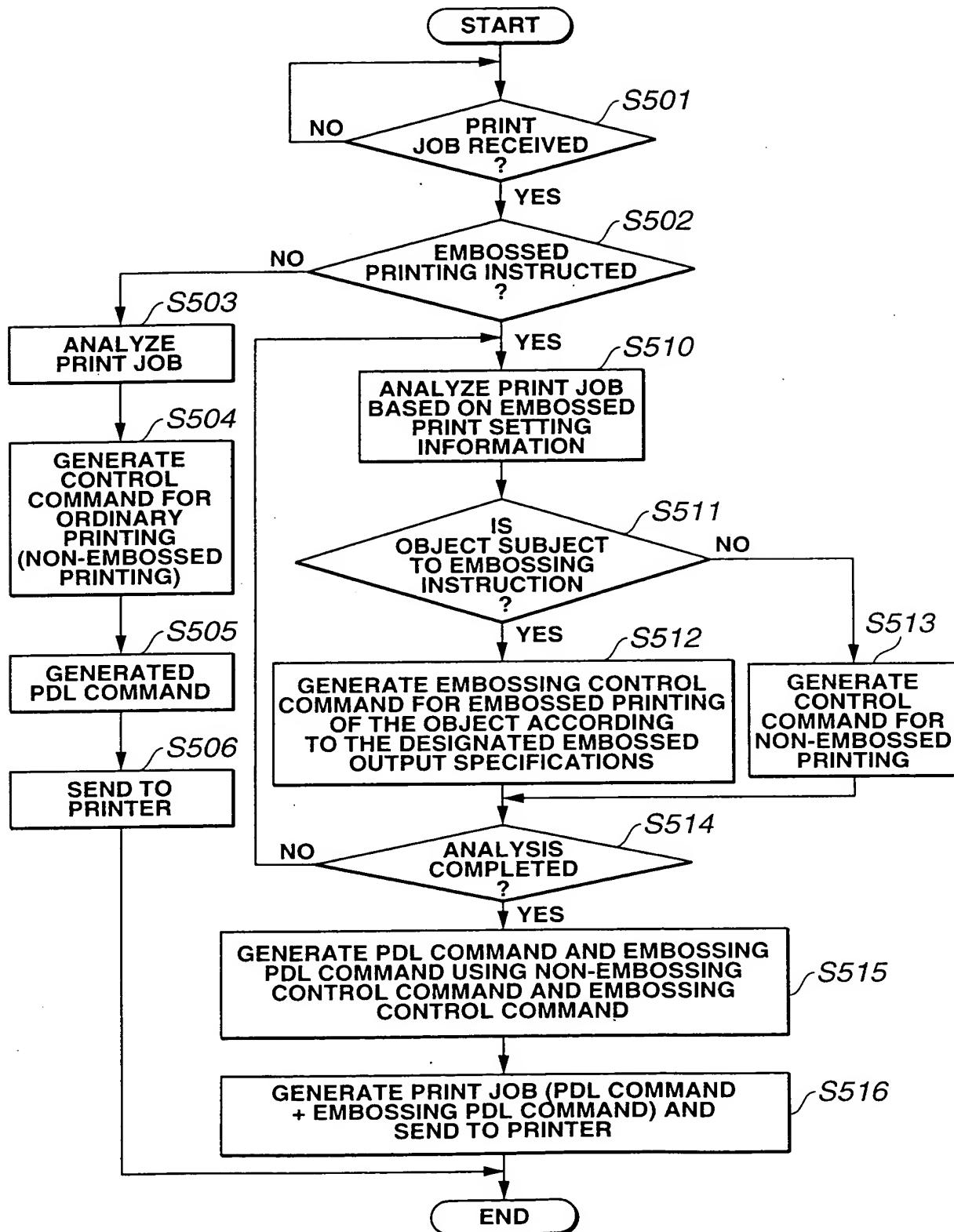


FIG.19

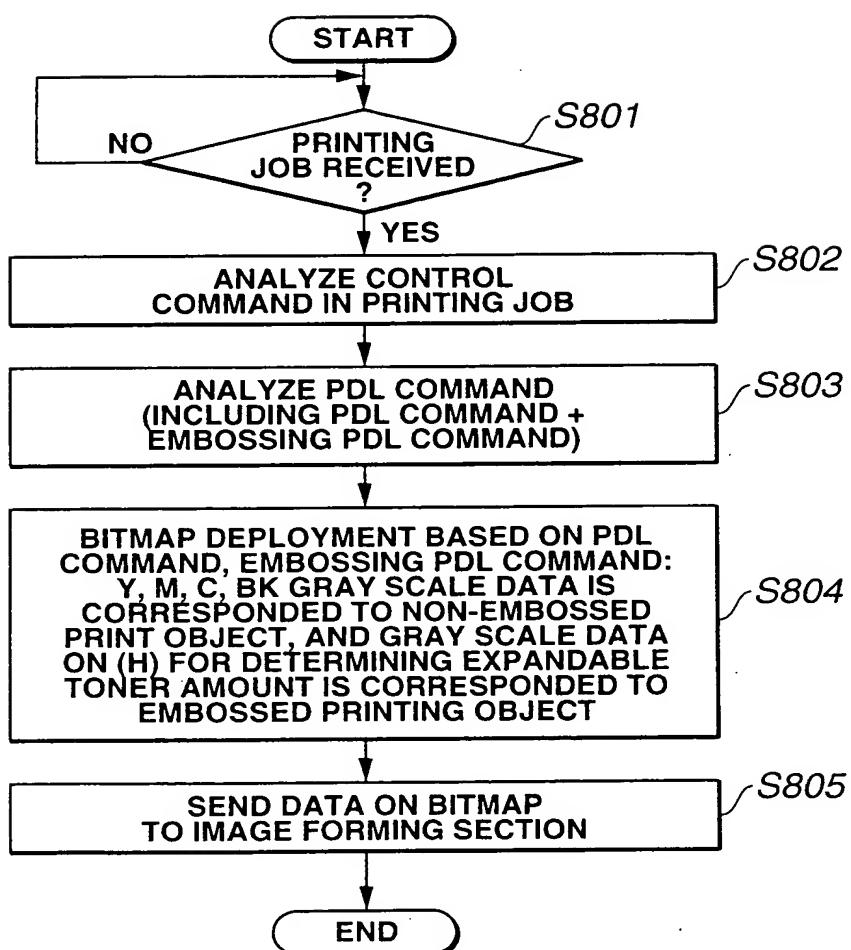


FIG.20

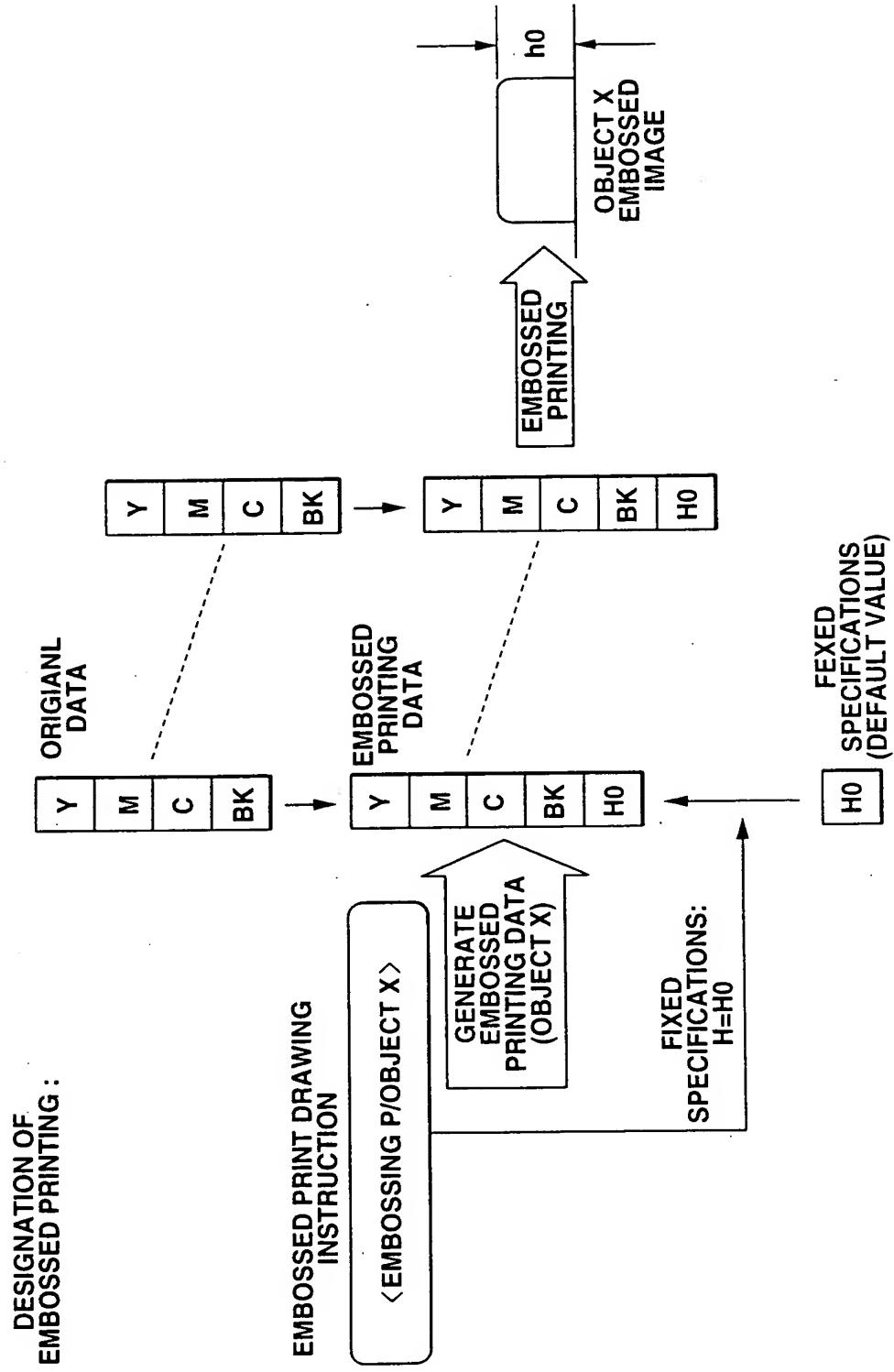


FIG.21

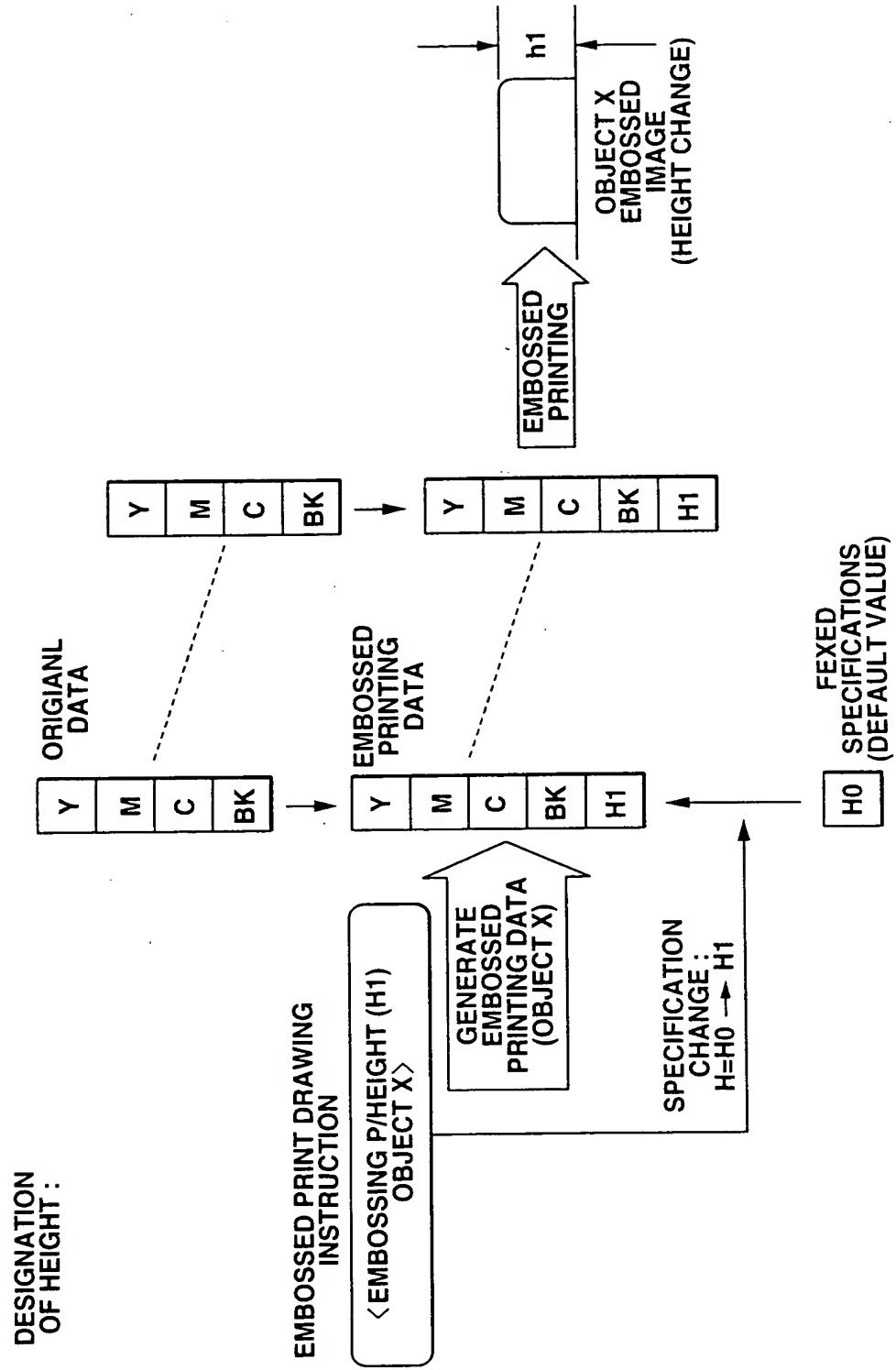


FIG.22

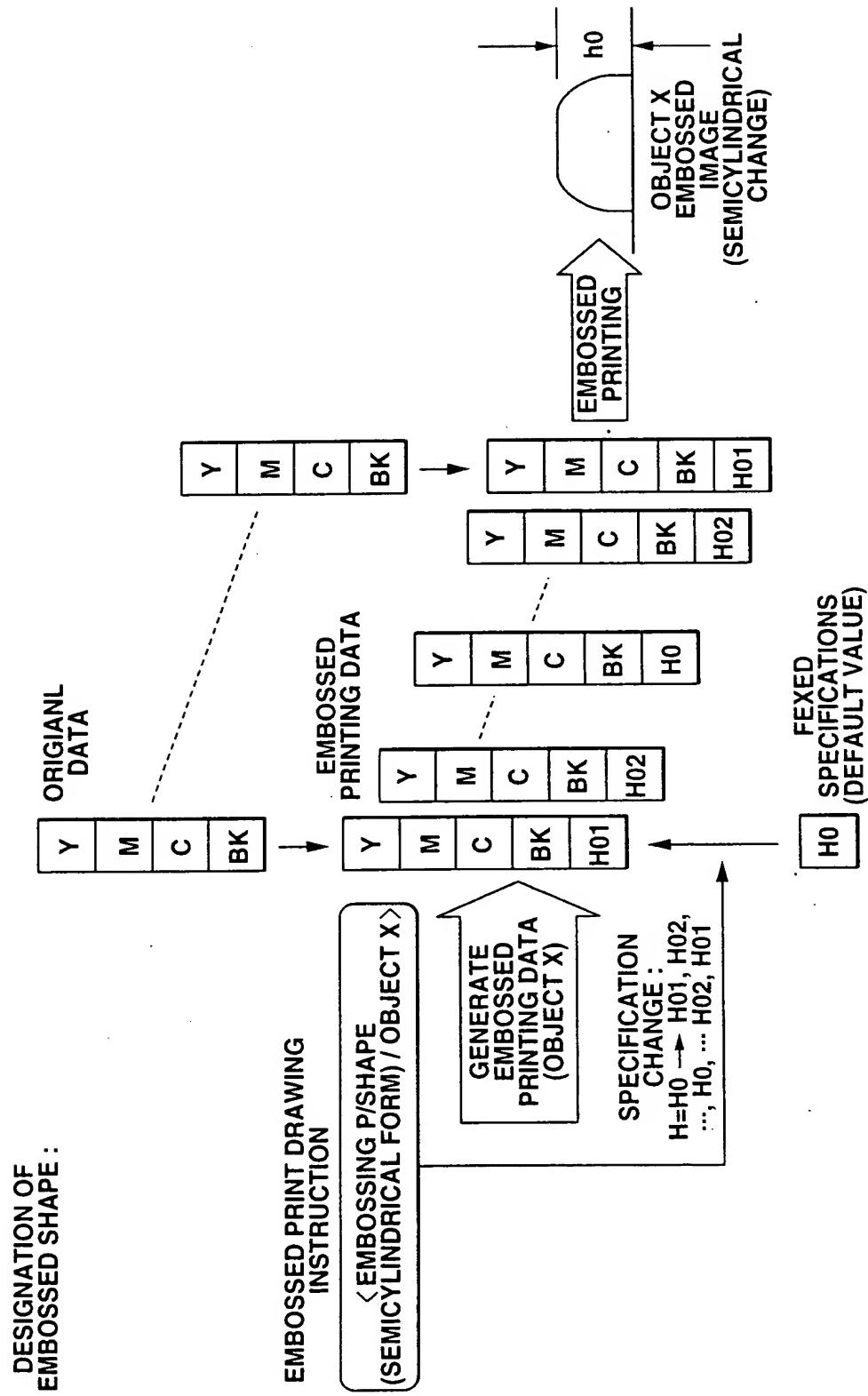


FIG.23

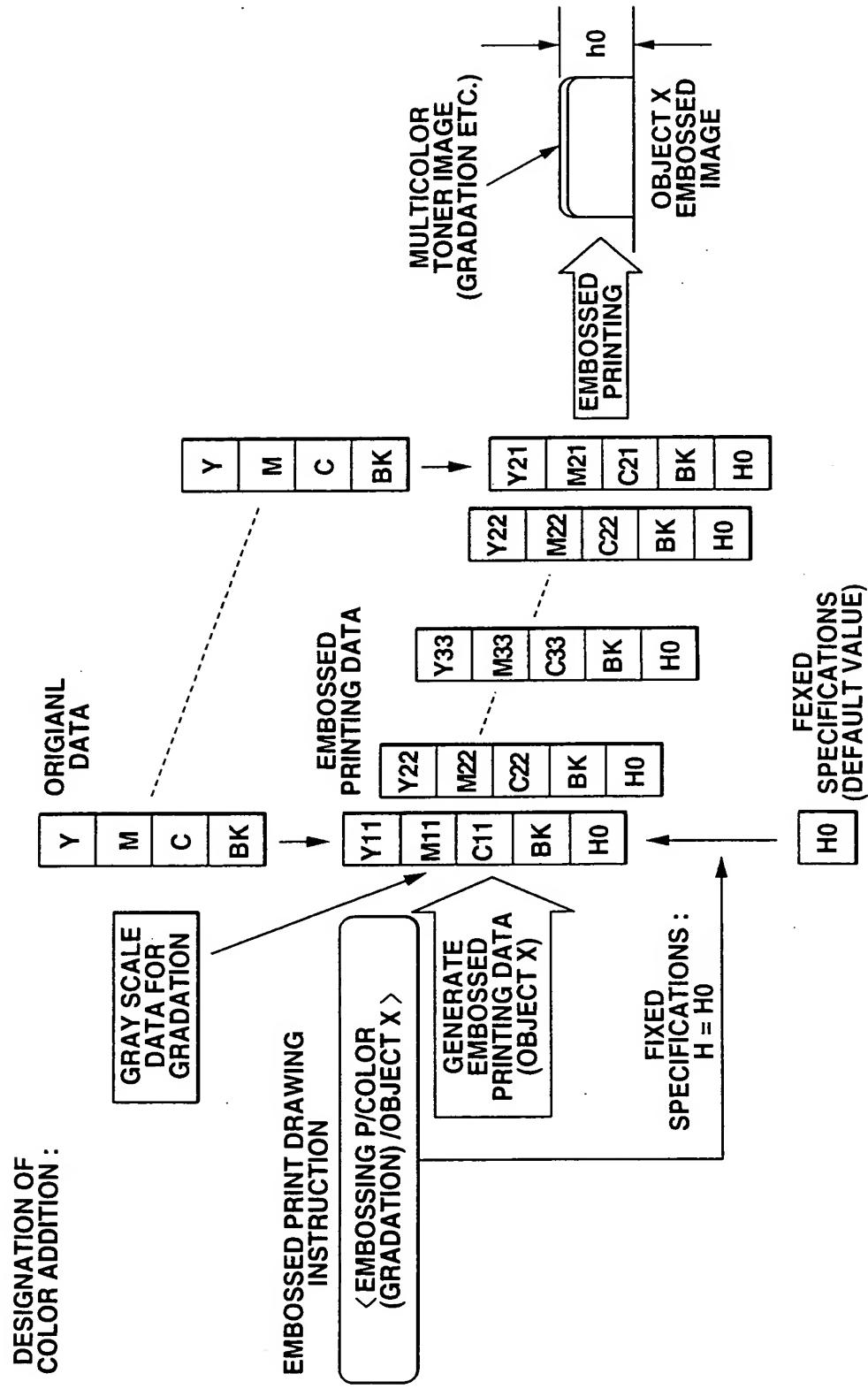


FIG.24

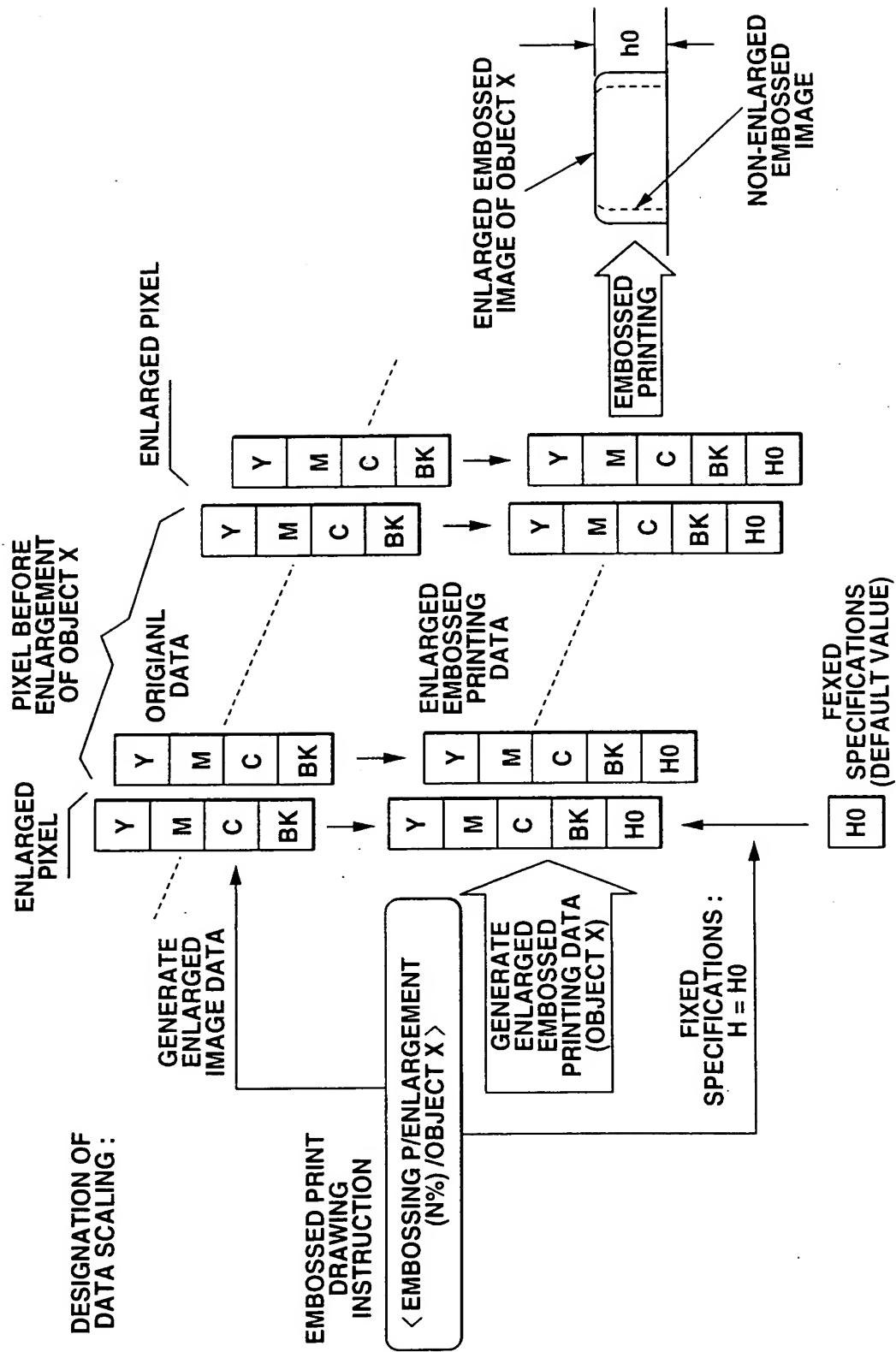


FIG. 25

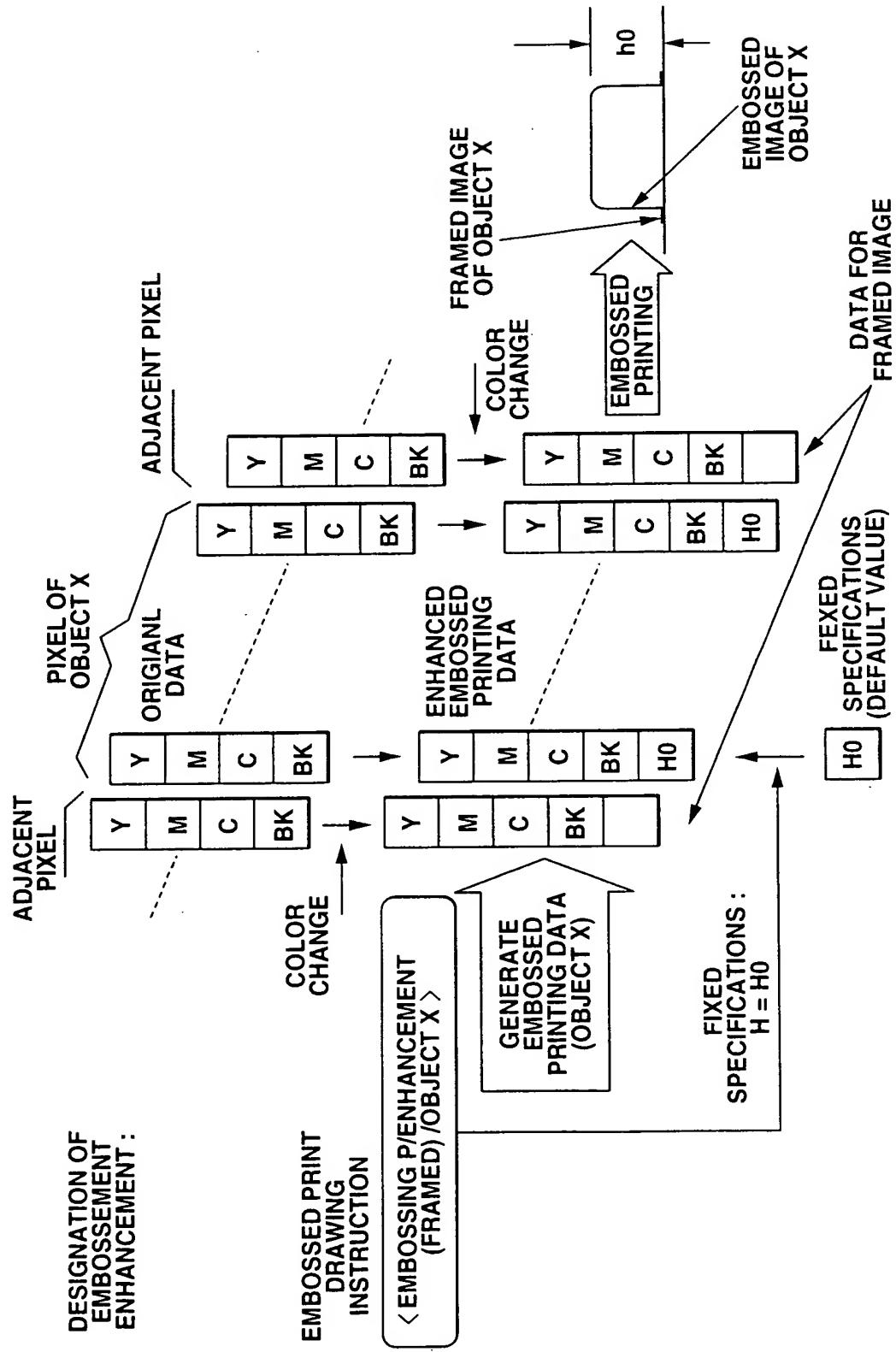


FIG.26

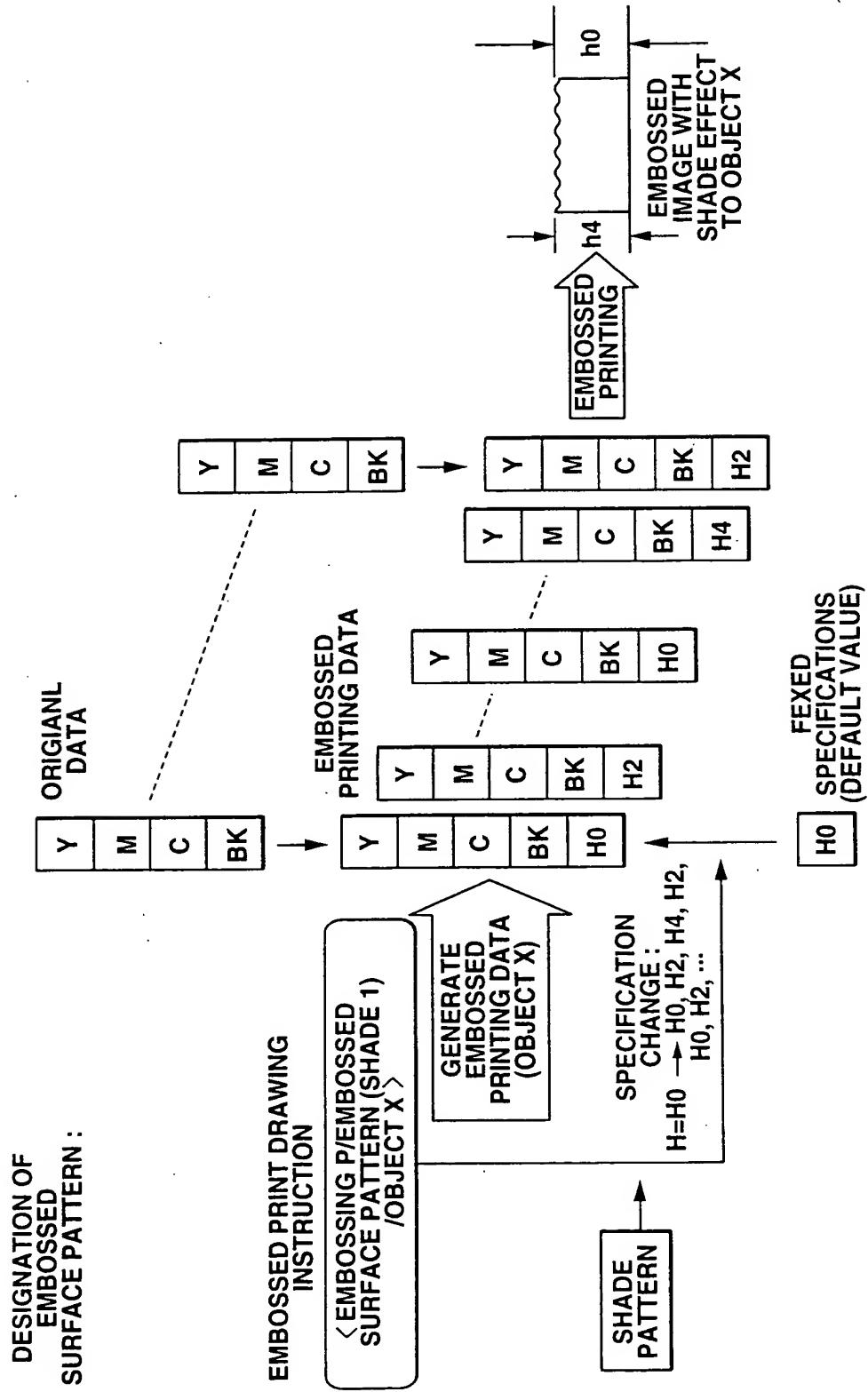


FIG. 27

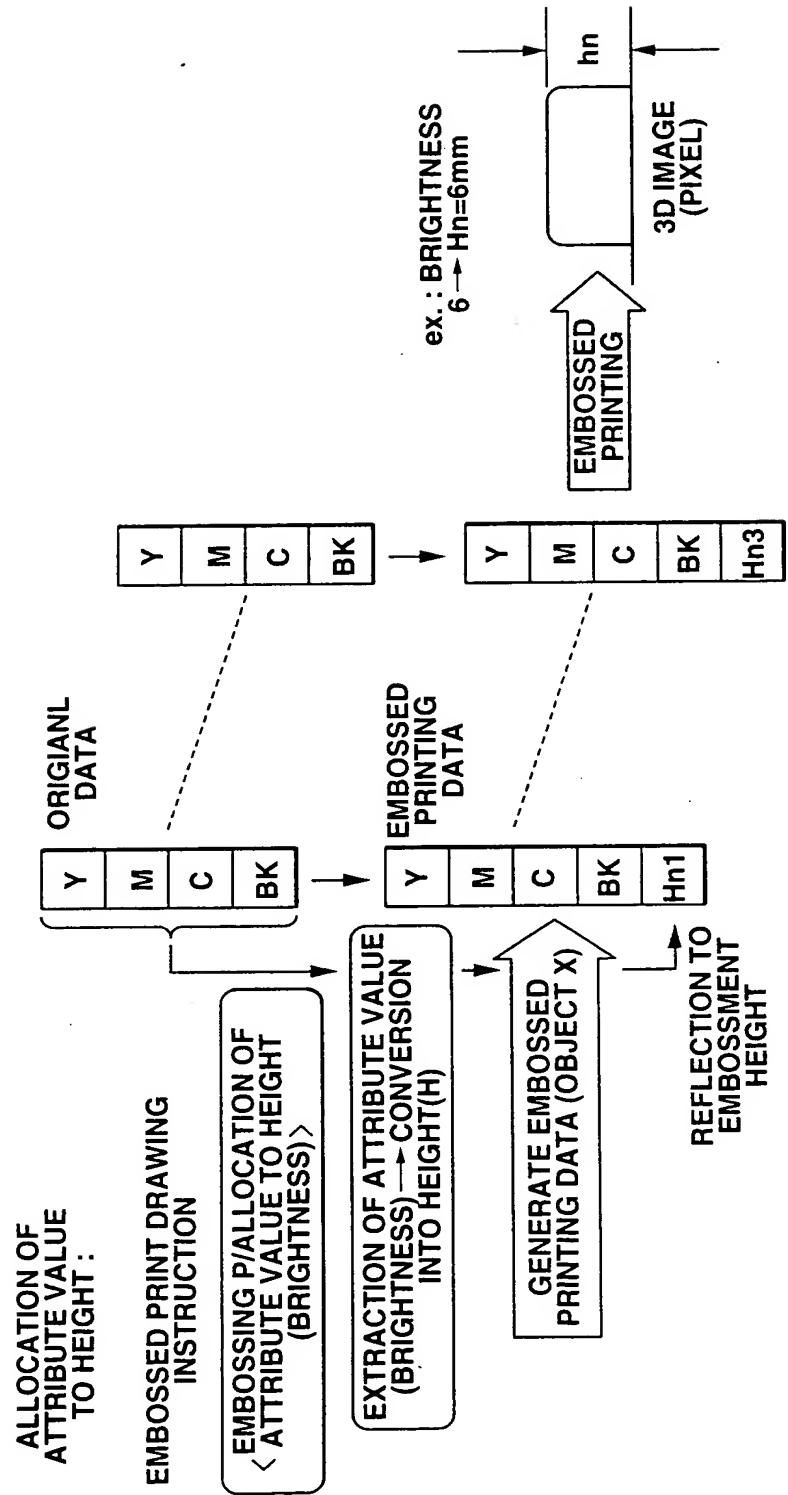


FIG.28

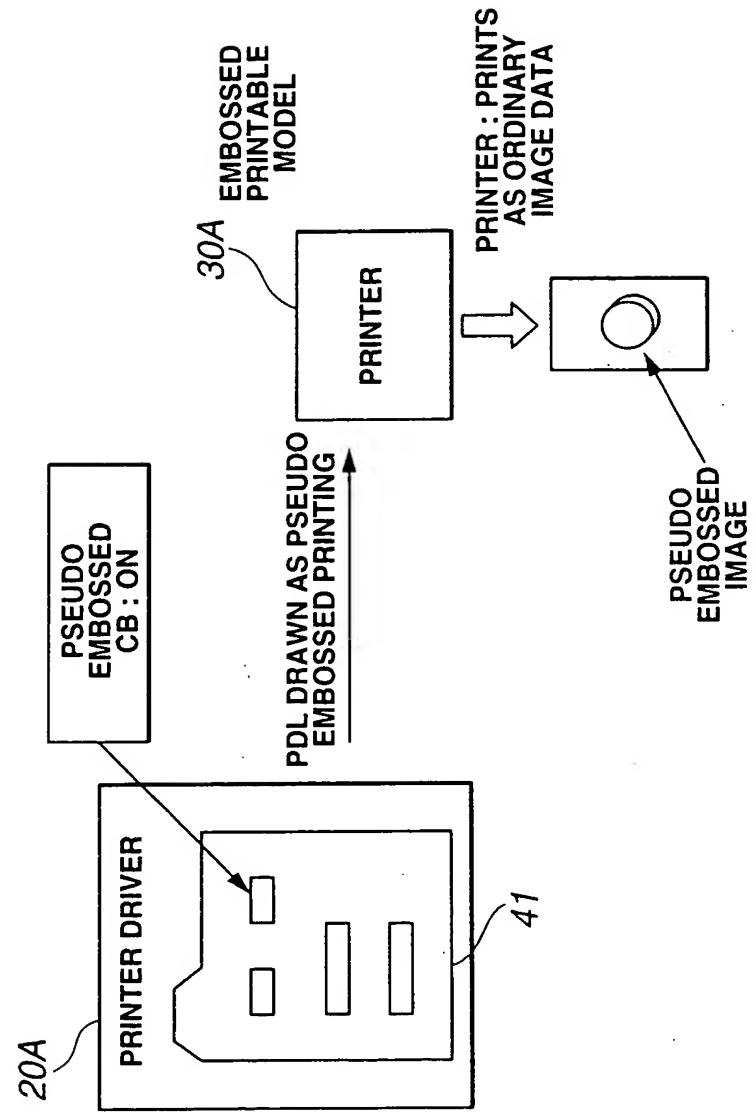


FIG. 29

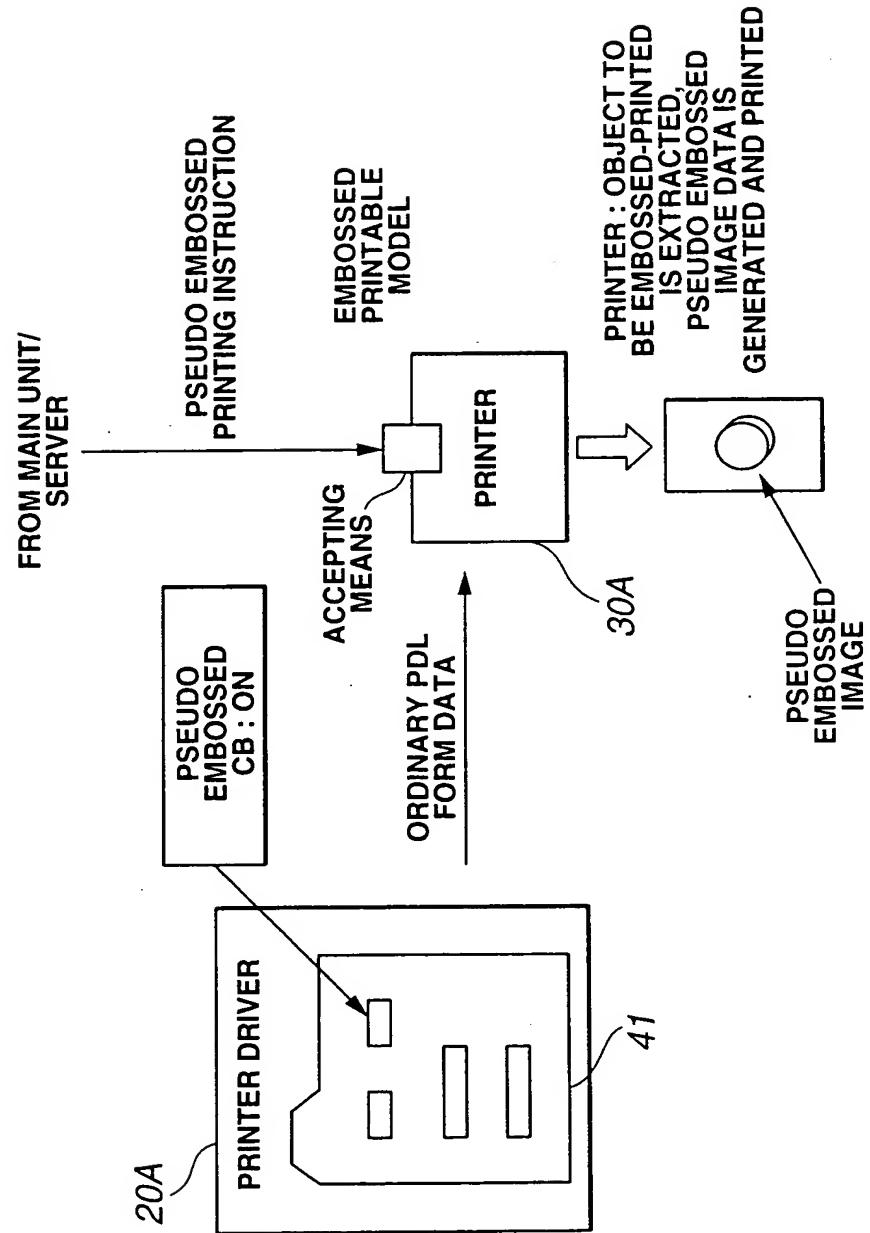


FIG.30

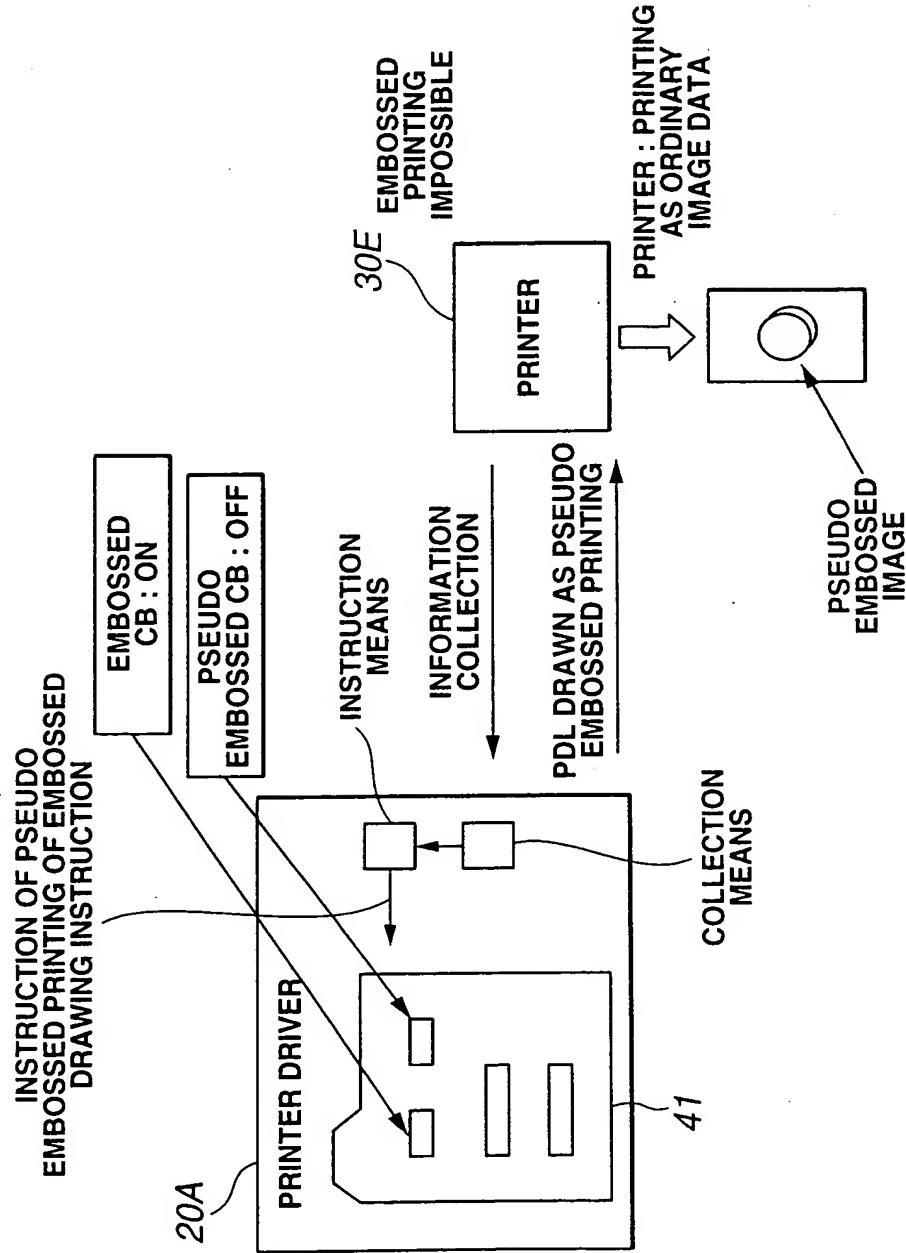


FIG.31

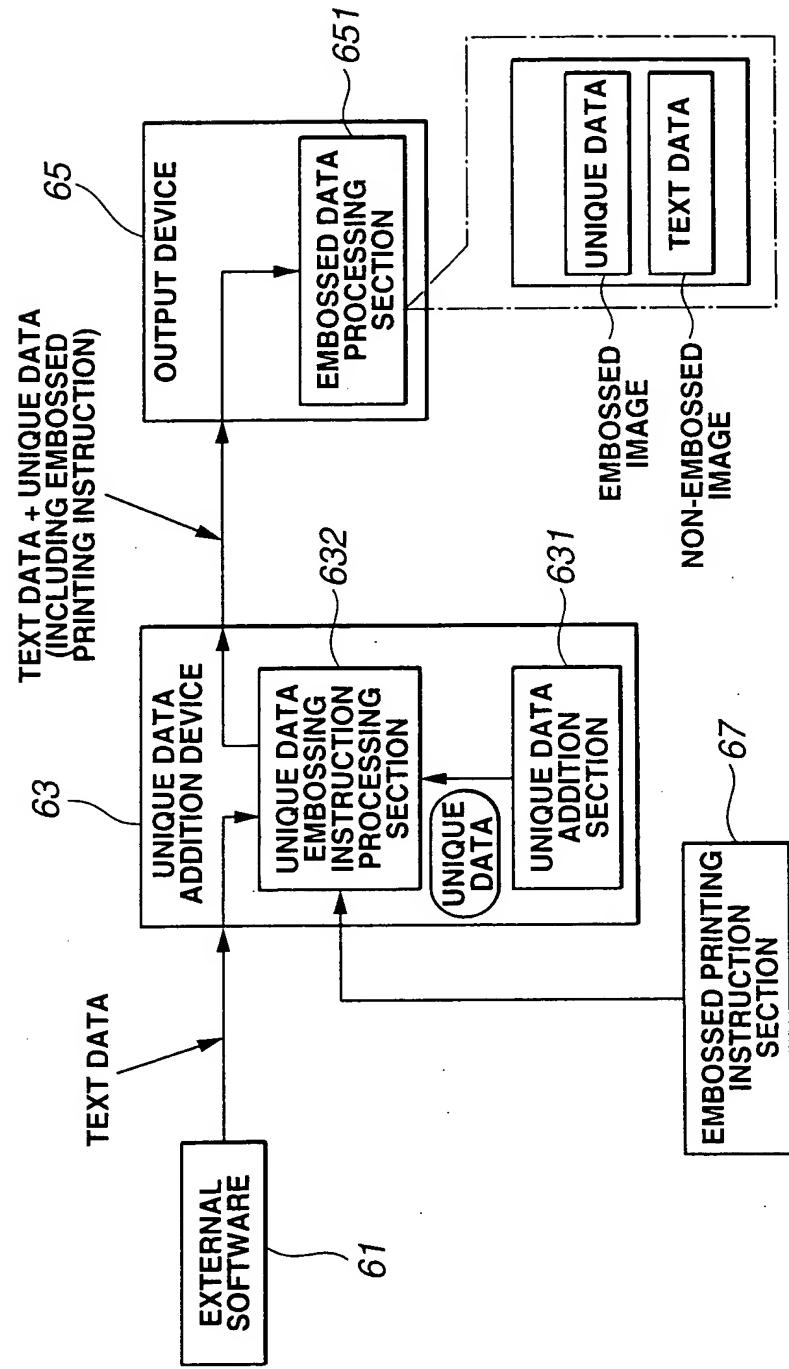


FIG.32

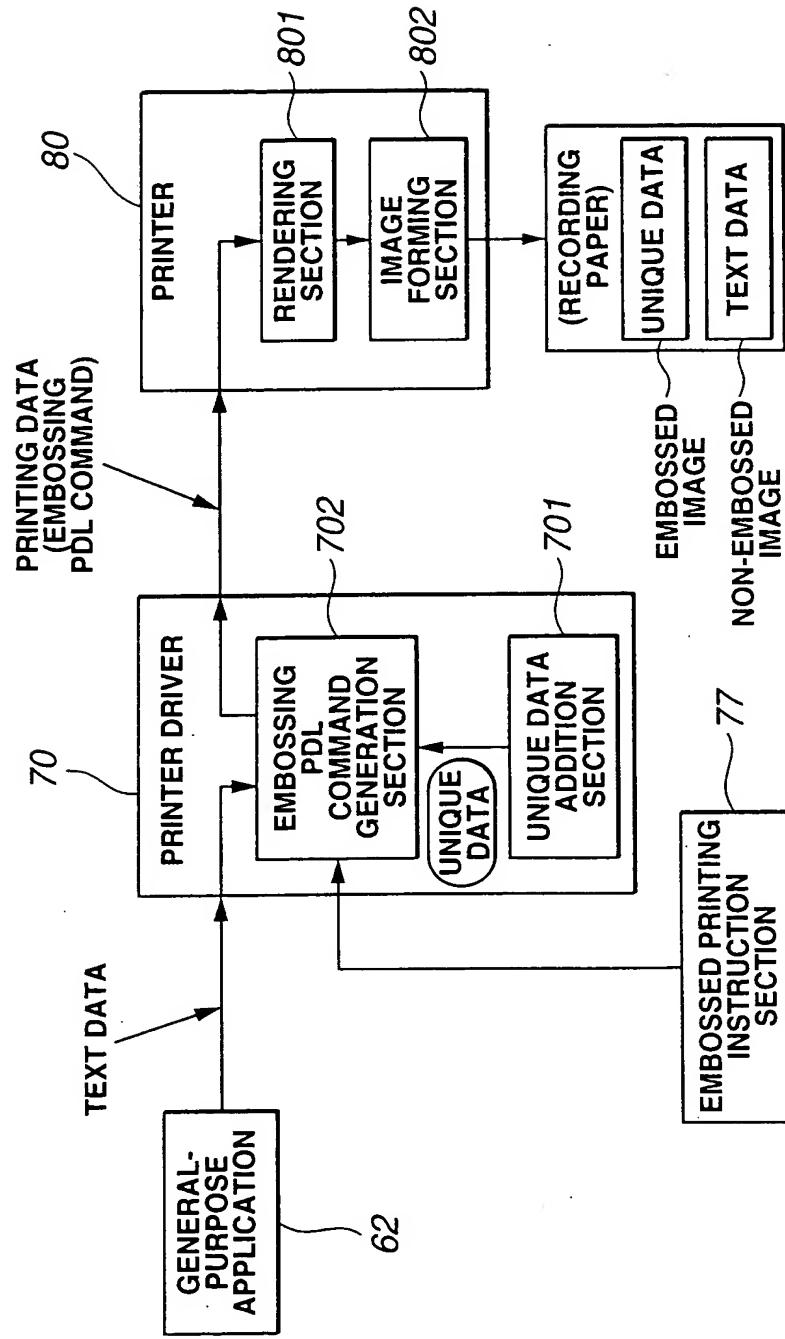


FIG. 33

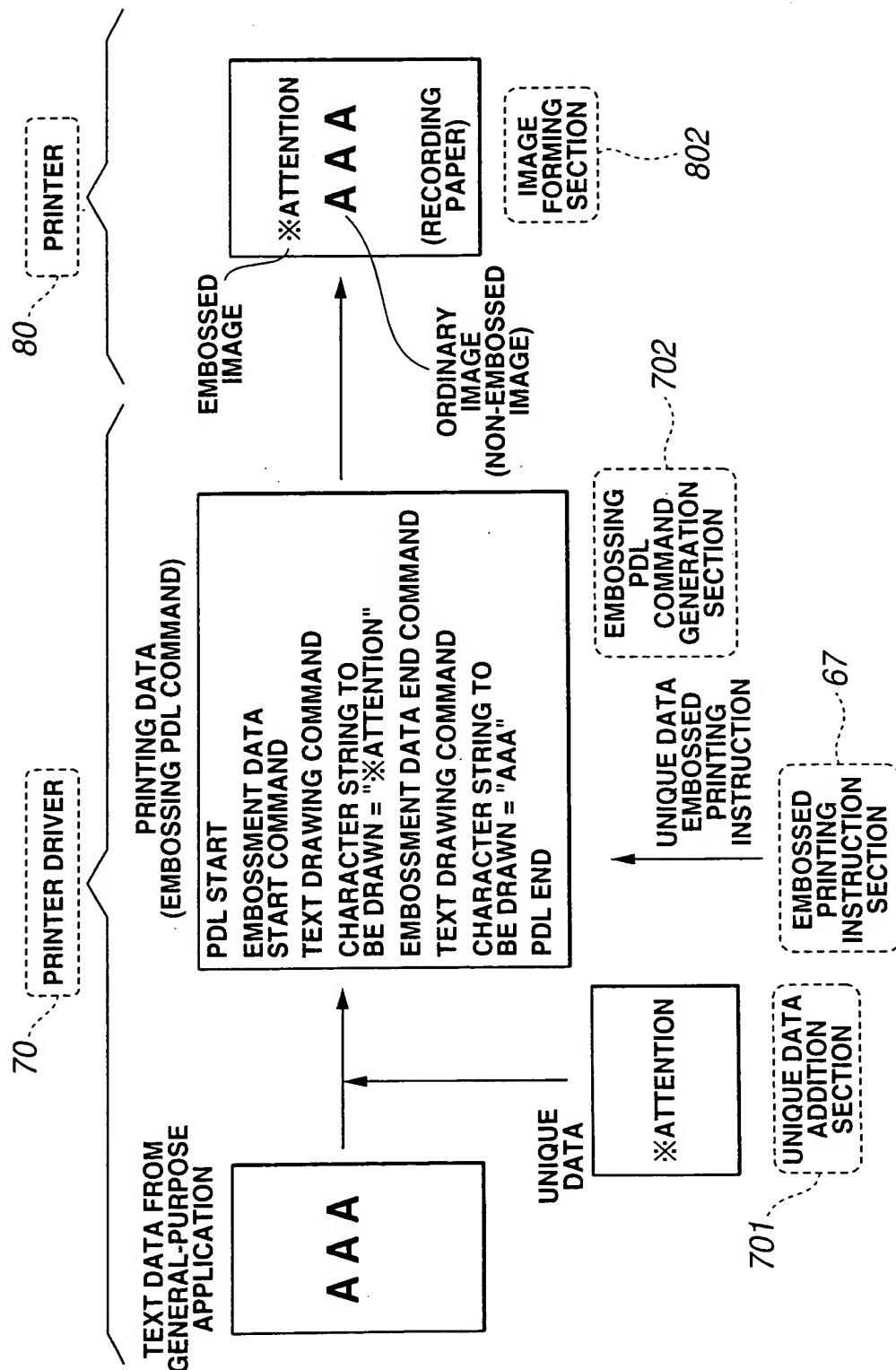


FIG.34

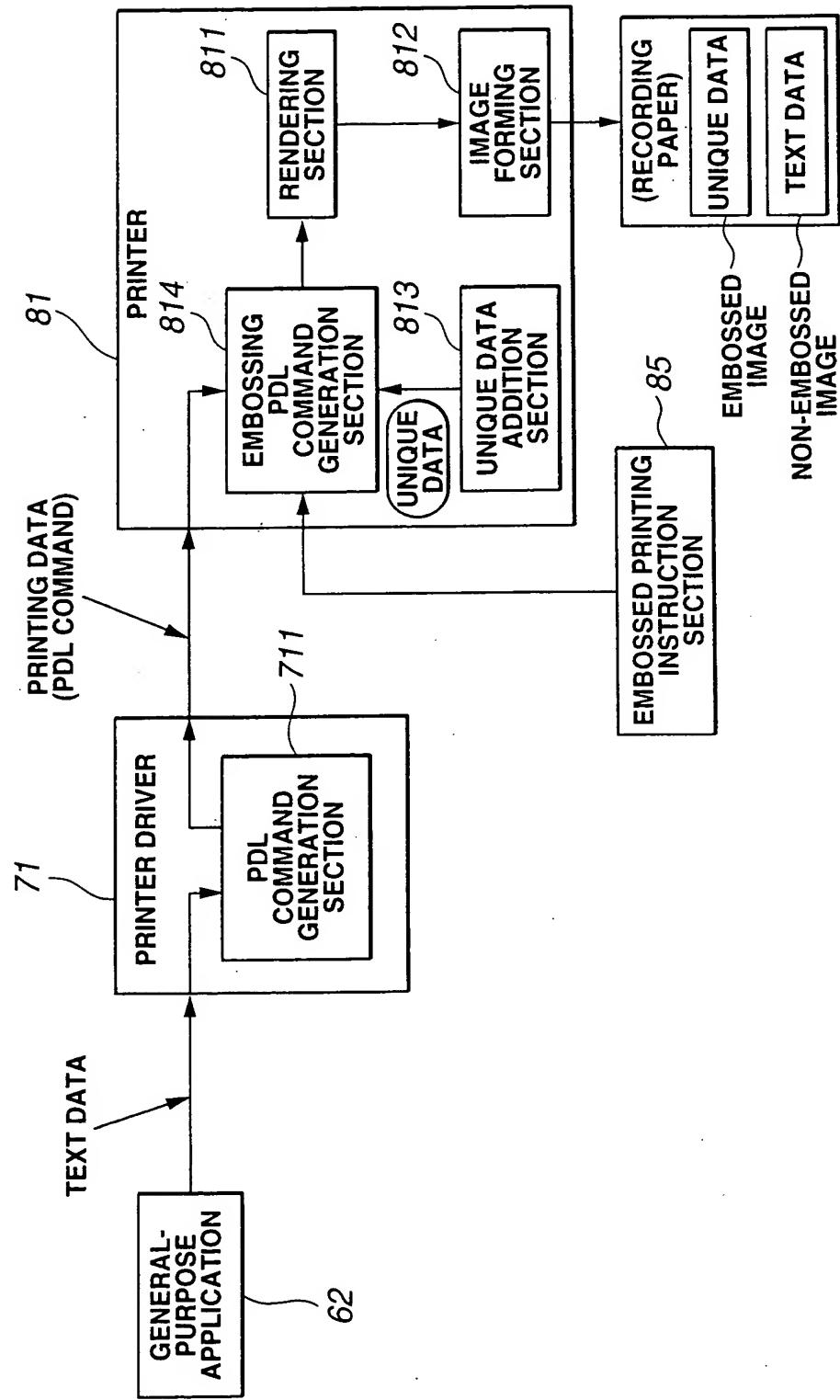


FIG. 35

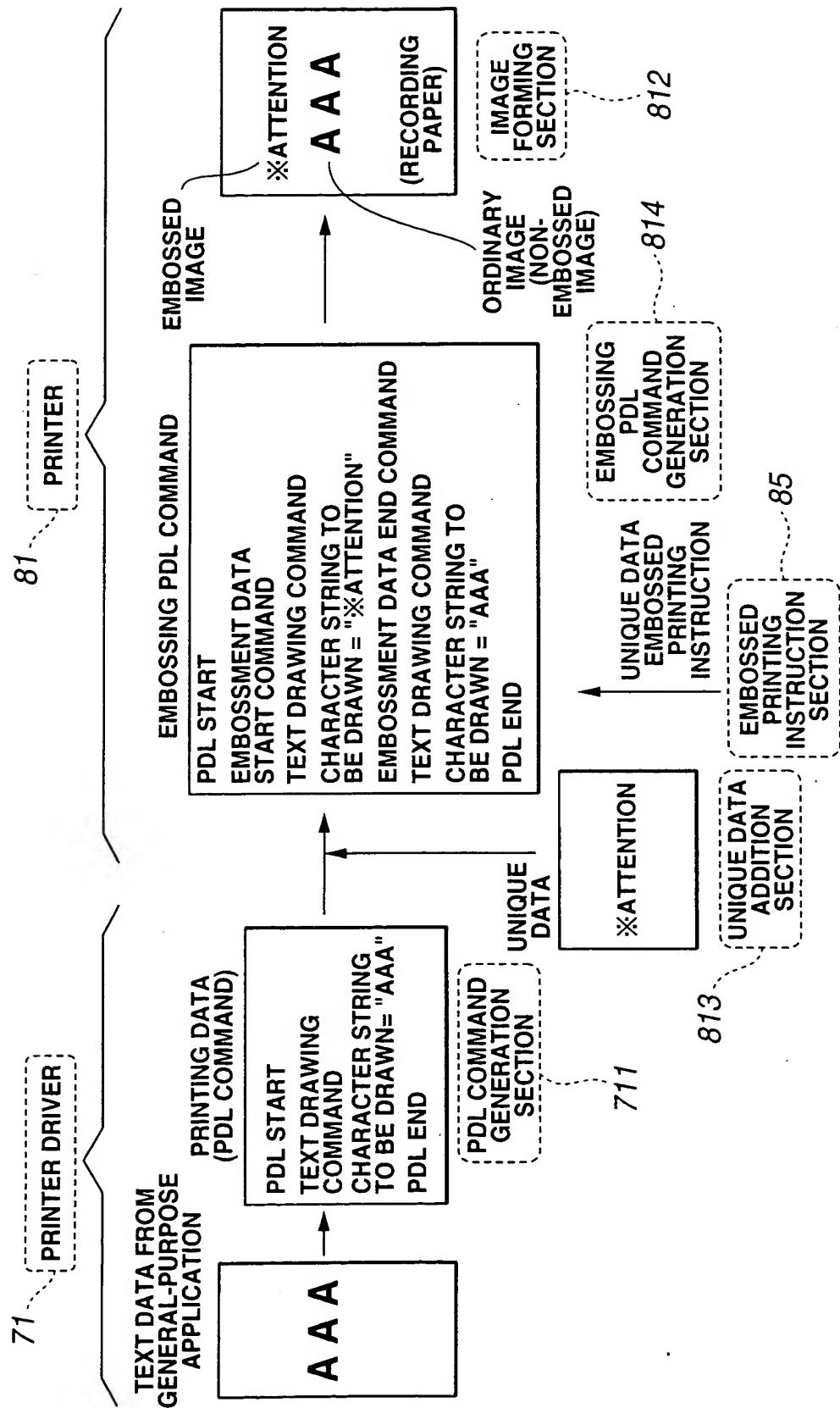


FIG.36

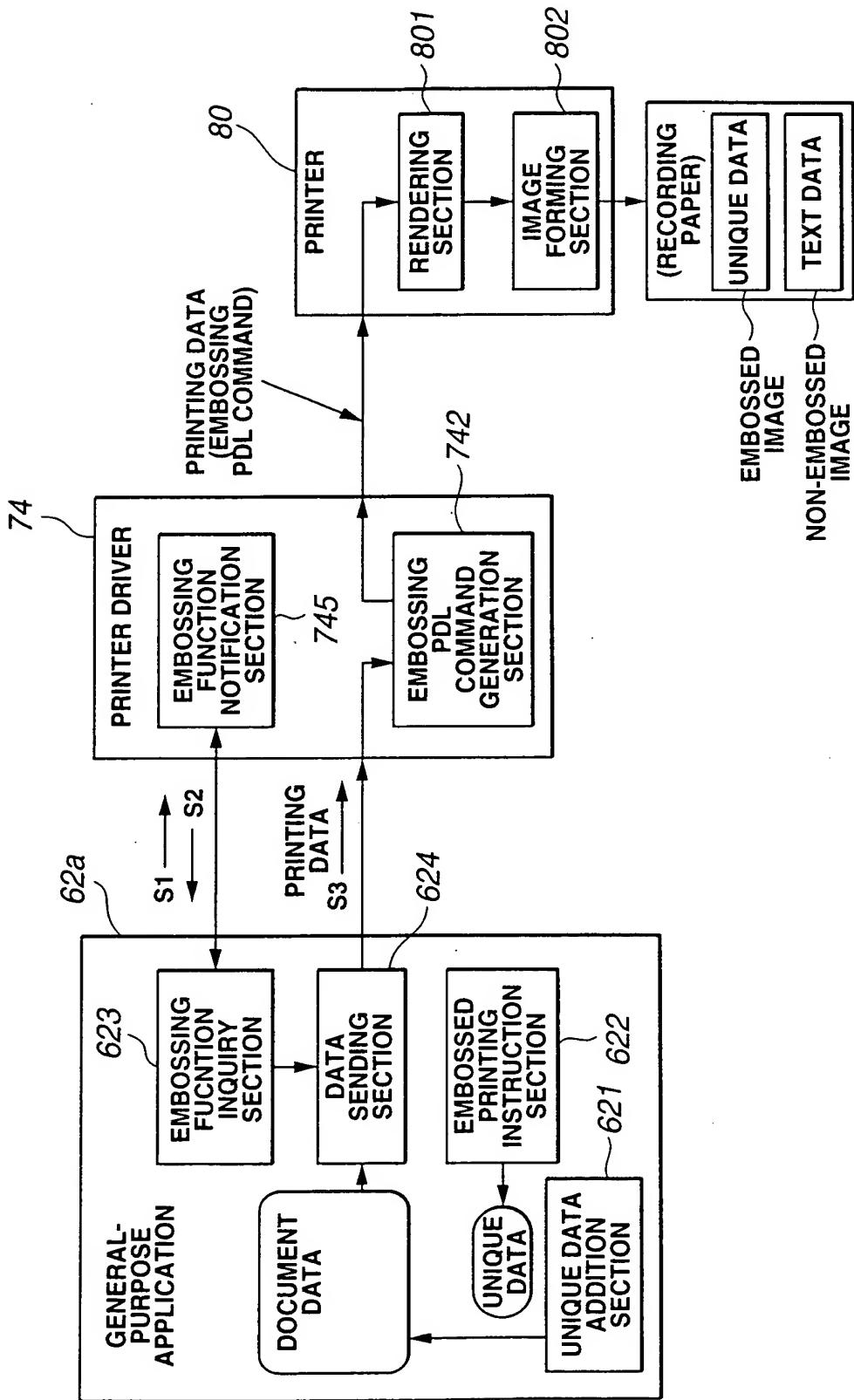


FIG.37

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EMBOSSED PRINT SETTING

EMBOSSED PRINT DESIGNATION

<input checked="" type="checkbox"/> EMBOSSED PRINTING	<input type="checkbox"/> PSEUDO EMBOSSED PRINTING
<input checked="" type="radio"/> PRINTING EMBOSSED IMAGE LAST	<input type="radio"/> PRINTING EMBOSSED IMAGE FIRST

EMBOSSING TARGET DESIGNATION

<input checked="" type="checkbox"/> FONT	<input checked="" type="checkbox"/> GRAPHIC
Arial	RECTANGLE
<input type="checkbox"/> FONT MODIFICATION	<input checked="" type="checkbox"/> COLOR
BOLD	RED
<input checked="" type="checkbox"/> SPECIFIC SYMBOLS	<input type="checkbox"/> IMAGE <input type="checkbox"/> OTHER
※ ○ △	STAMP

VARIATION DESIGNATION

<input checked="" type="checkbox"/> HEIGHT	<input type="checkbox"/> DATA SCALING
2mm	120%
<input type="checkbox"/> EMBOSSED SHAPE	<input type="checkbox"/> ENHANCEMENT OF A SOLID
SEMICYLINDRICAL FORM	SHADOWING
<input checked="" type="checkbox"/> COLOR ADDITION	<input type="checkbox"/> EMBOSSED SURFACE PATTERN
GRADATION 1	SHADE 1

OVERLAP DESIGNATION

<input checked="" type="radio"/> REFLECT OVERLAP
<input type="radio"/> DISREGARD OVERLAP
<input type="radio"/> NOT EMBOS OVERLAP
<input type="radio"/> LOGIC OPERATION ON OVERLAP
AND

ALLOCATION OF ATTRIBUTE VALUE TO HEIGHT

<input type="radio"/> CONVERT BRIGHTNESS INTO HEIGHT
<input type="radio"/> CONVERT CHROMA INTO HEIGHT
<input type="radio"/> CONVERT HUE INTO HEIGHT
<input type="radio"/> CONVERT DENSITY INTO HEIGHT

FIG.38A

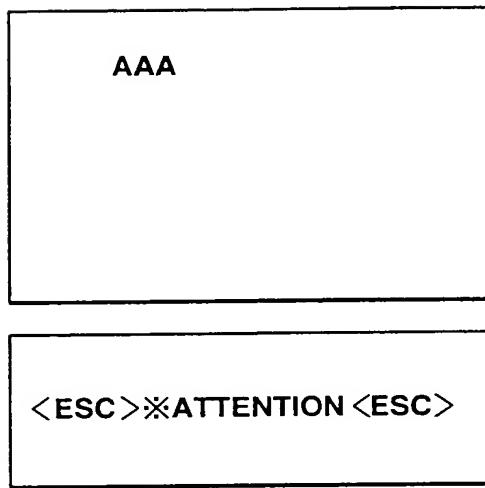


FIG.38B

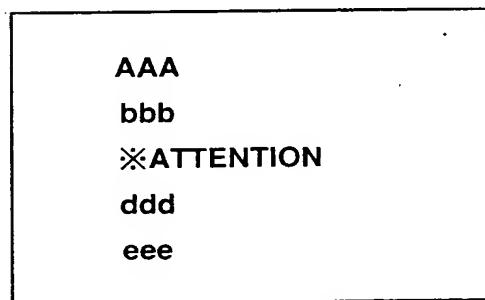


FIG.39

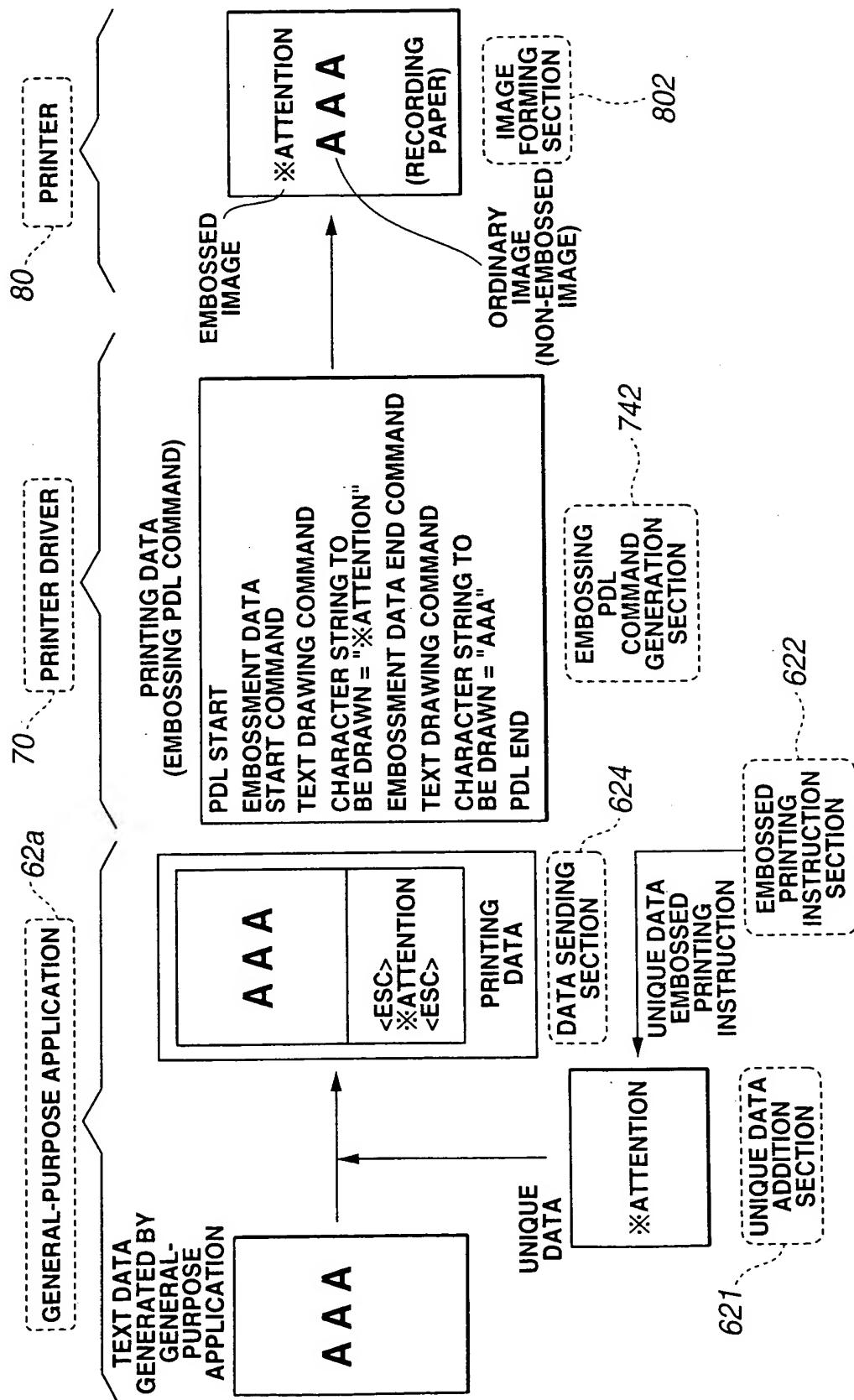


FIG.40

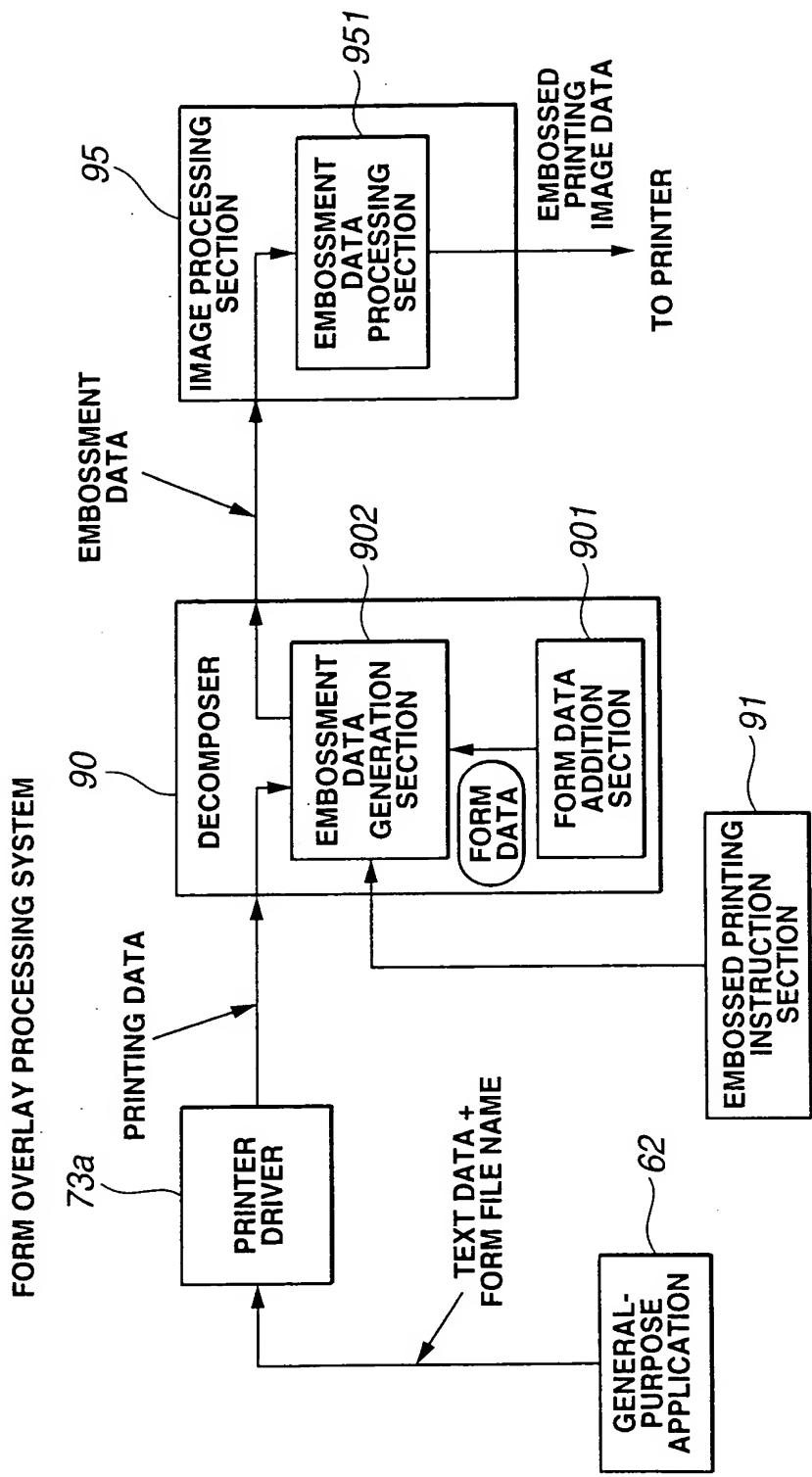


FIG. 41

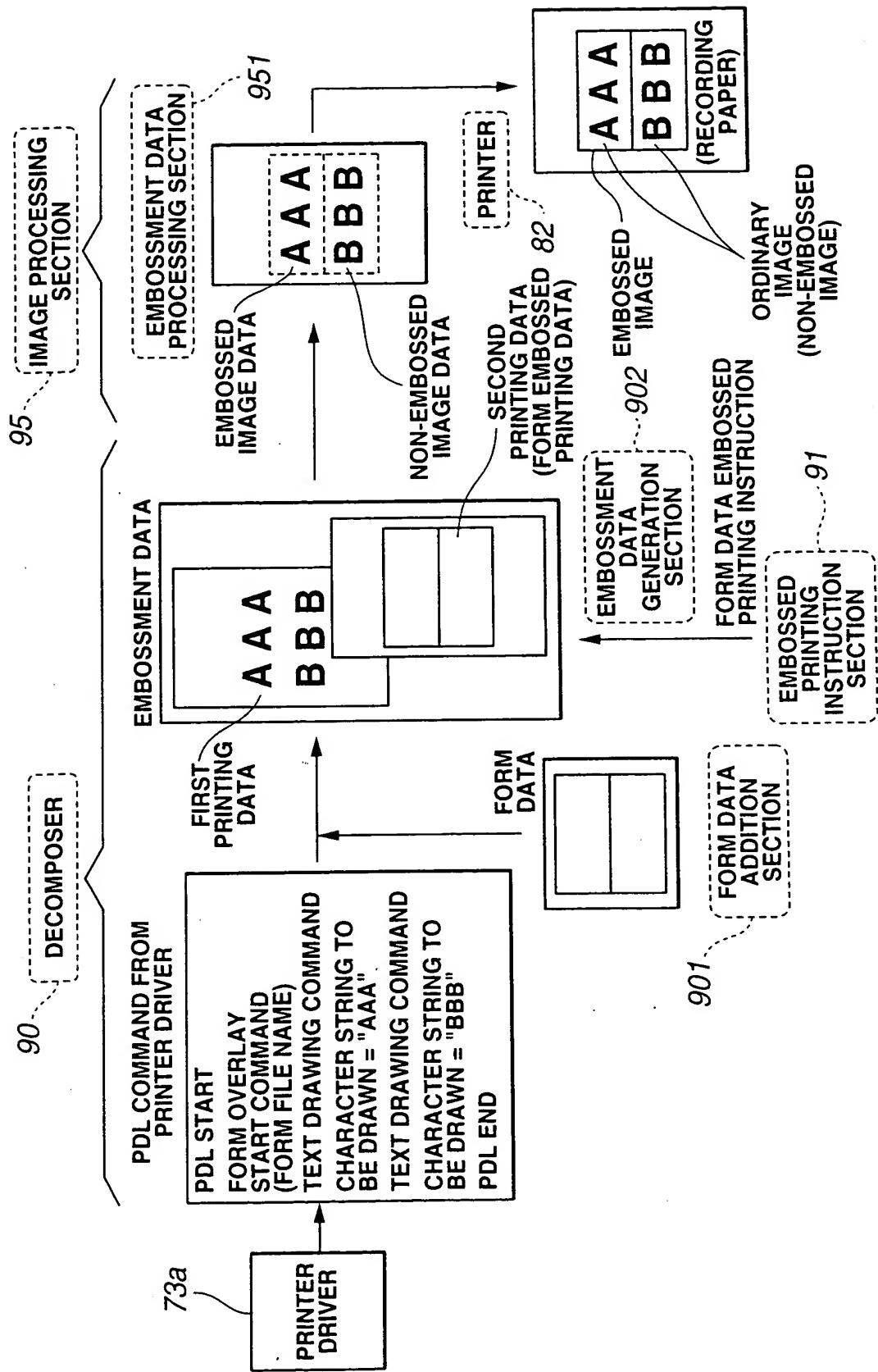


FIG.42

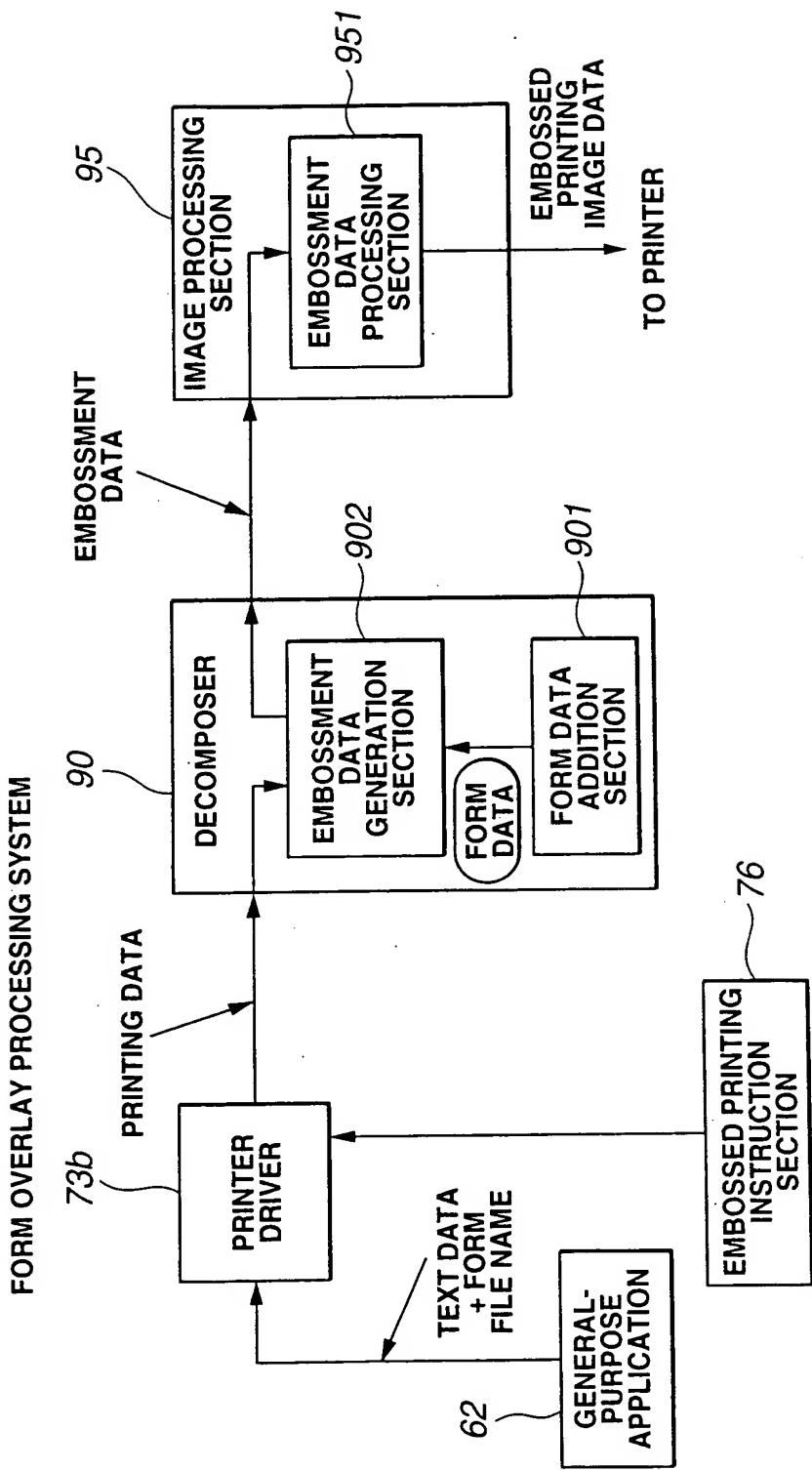


FIG. 43

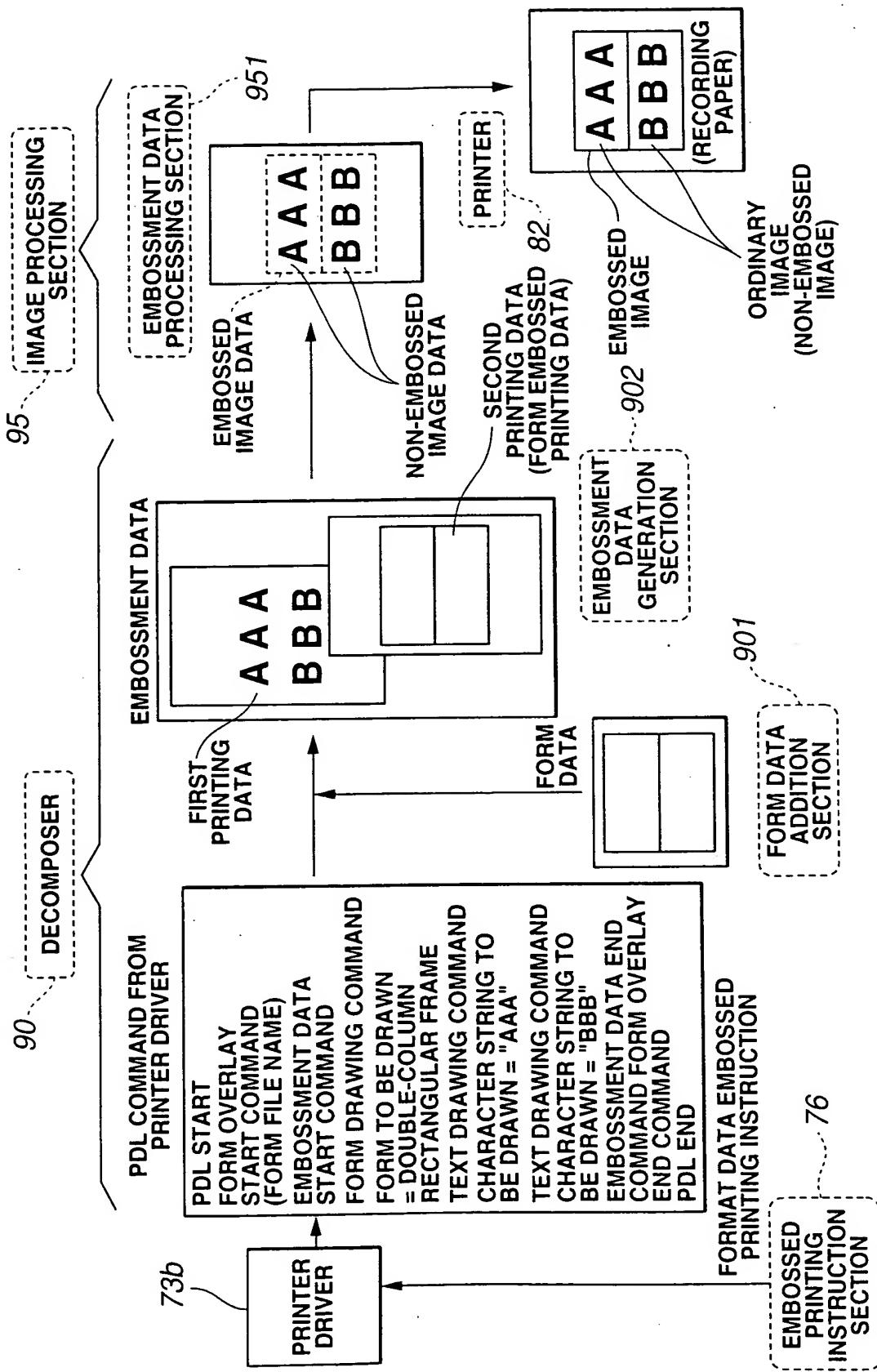


FIG.44
(PRIOR ART)

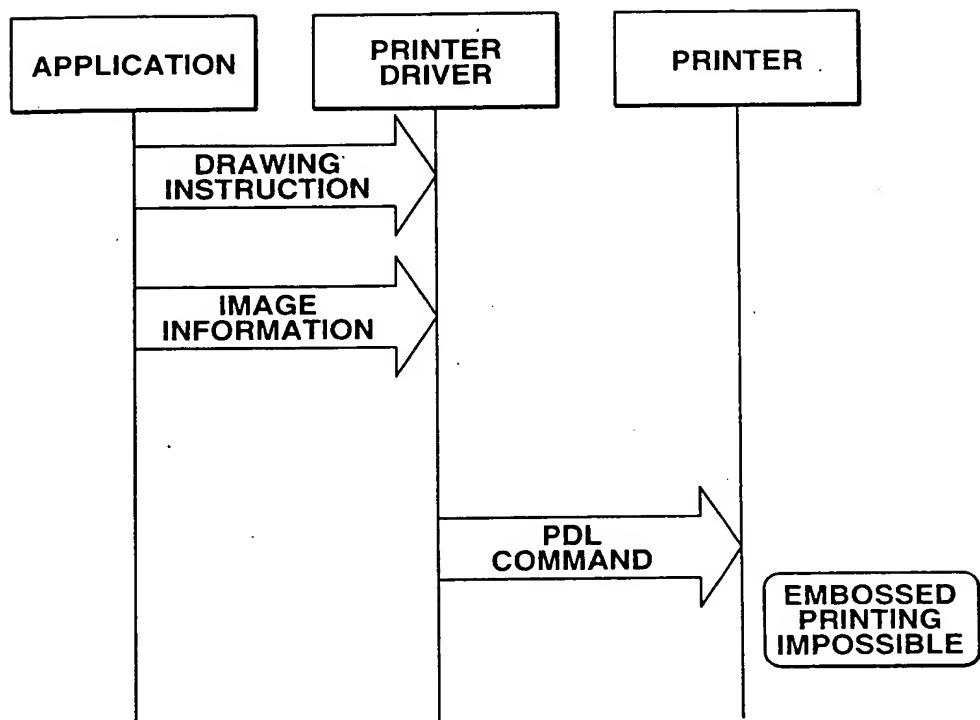


FIG.45
(PRIOR ART)

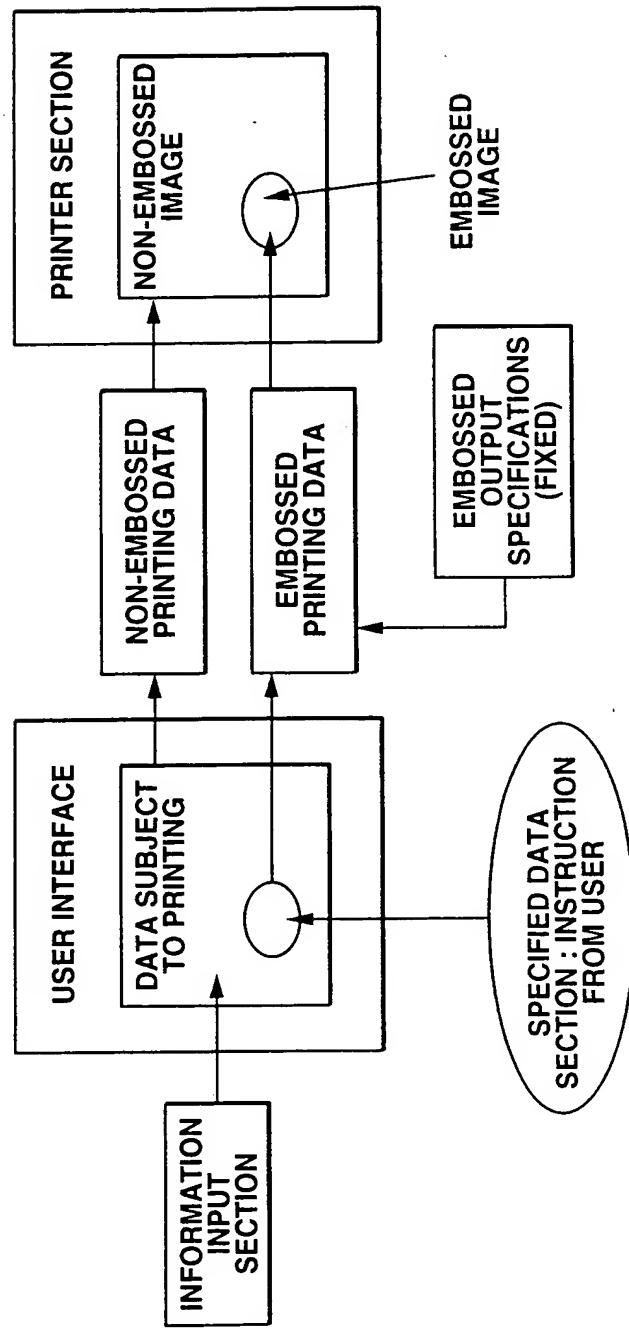


FIG.46
(PRIOR ART)

